Manitoba

Annual Report 1999 - 2000

Manitoba Industry, Trade and Mines

Includes 10% post-consumer waste

**MINISTER OF
INDUSTRY, TRADE AND MINES**

WINNIPEG, MANITOBA, CANADA
R3C 0V8

His Honour Peter M. Liba, C.M., O.M.
Lieutenant-Governor of Manitoba
235 Legislative Building
Winnipeg, Manitoba

May it Please Your Honour:

I am pleased to present the Annual Report for the Department of Industry, Trade and Mines for the fiscal year ending March 31, 2000.

Respectfully submitted,

MaryAnn Mihychuk
Minister

Manitoba 2000
*Our Past. Our Future. Our Celebration.
Notre passé. Notre avenir. Notre fête.*

101-00186/

Manitoba

Deputy Minister of
Industry, Trade
and Mines

Winnipeg, Manitoba, CANADA
R3C 0V8

Honourable MaryAnn Mihychuk
Minister of Industry, Trade and Mines
Room 358, Legislative Building
Winnipeg, Manitoba

Dear Madam:

I have the honour of presenting the Annual Report for the Department of Industry, Trade and Mines for the period April 1, 1999 to March 31, 2000.

Re-framing the Department in the fall of 1999 allowed the Department's business, trade and mineral initiatives to operate more efficiently. The efforts of the Department of Industry, Trade and Mines have played a key role in profiling Manitoba as a place with a welcoming, healthy business environment with many opportunities for growth.

The report presents the Department's activities undertaken and the accomplishments over the last year that contribute to achieving the overall goals of the Government.

The Department continues to remain committed to creating opportunities for Manitoba business in the international markets and working with our partners in industry in promoting Manitoba's products and services, and investment opportunities.

Many of the Department's successes over the past year resulted from collaborative initiatives with industry stakeholders. These activities are acknowledged through positive results, of which a few are listed below:

- Manitoba is recognized on a global scale as one of the best places in the world to invest in exploration and mining.
- The 31st Manitoba Mining and Minerals Convention, hosted by the department, recorded its largest attendance of 900 industry stakeholders.
- Total U.S. exports in 1999 were $6.48 billion, up almost 7% from 1998 and 64% from 1995 to 1999.
- Manitoba's Balance of Trade deficit with the U.S. declined from $1.4 billion in 1998 to $645 million in 1999, an improvement of 53%.
- Manitoba companies identified 332 opportunities for new export market or diversified markets around the world.
- Investment spending rose 3.3% in 1999. Private investment rose 1.8%, for an eighth consecutive annual increase, with much of the growth coming from the manufacturing and transportation sectors.

Manitoba 2000

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- Through the Health Research Initiative, research and development investment resulted in the employment of over 1,500 Manitoba health researchers, including scientists, graduate students and technologists.

In the upcoming year, the Department will undertake initiatives and strategic planning that will continue to contribute to the success of Manitoba business expansion, job growth and mineral investment.

Respectfully submitted,

Hugh Eliasson

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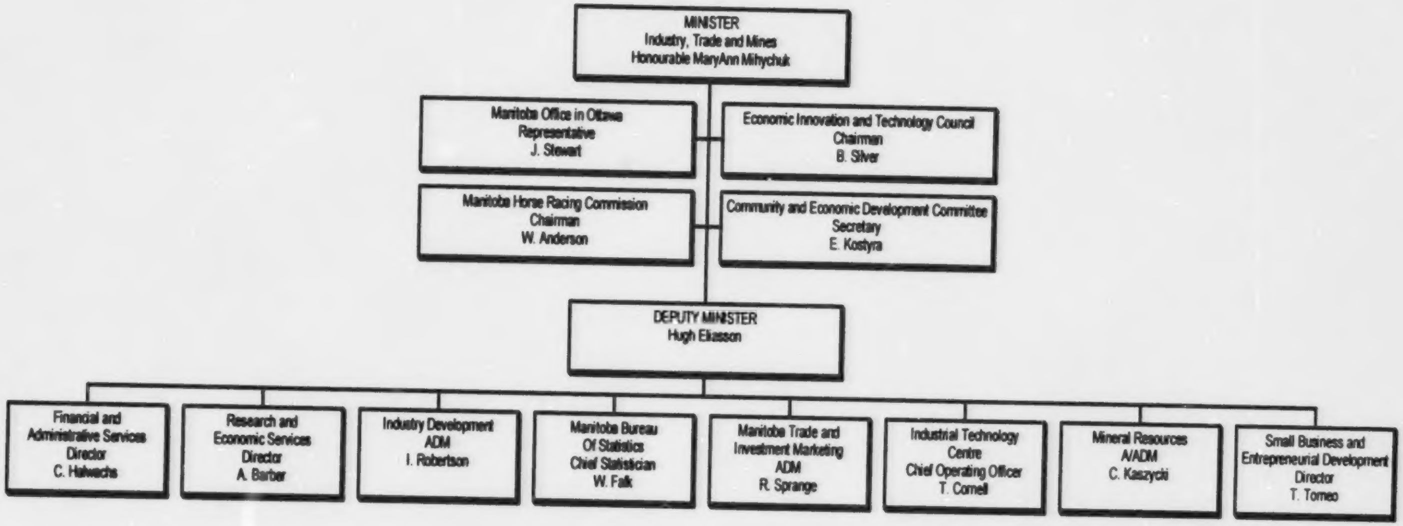
INDUSTRY, TRADE AND MINES
ORGANIZATION CHART


MINISTER
Industry, Trade and Mines
Honourable MaryAnn Mihychuk
Manitoba Office in Ottawa
Representative
J. Stewart
Economic Innovation and Technology Council
Chairman
B. Silver
Manitoba Horse Racing Commission
Chairman
W. Anderson
Community and Economic Development Committee
Secretary
E. Kostyra
DEPUTY MINISTER
Hugh Eliasson
Financial and Administrative Services
Director
C. Halwachs
Research and Economic Services
Director
A. Barber
Industry Development
ADM
I. Robertson
Manitoba Bureau Of Statistics
Chief Statistician
W. Falk
Manitoba Trade and Investment Marketing
ADM
R. Sprange
Industrial Technology Centre
Chief Operating Officer
T. Cornell
Mineral Resources
A/ADM
C. Kaszycki
Small Business and Entrepreneurial Development
Director
T. Tomeo

NOT REFLECTED ON THIS CHART:
THE MANITOBA TRADE AND INVESTMENT CORPORATION
THE MANITOBA DEVELOPMENT COPRORATION
THE COOPERATIVE PROMOTION BOARD
THE COOPERATIVE ASSOCIATIONS LOANS AND LOANS GUARANTEE BOARD
AND
THE MINING BOARD

As at March 31, 2000

PREFACE

INTRODUCTION

In October of 1999, the Departments of Industry, Trade and Tourism and Energy and Mines were re-organized. The Industry Development and Trade Divisions of Industry, Trade and Tourism were amalgamated with the Mineral Resource Division of Energy and Mines to form the newly structured department of **Industry, Trade and Mines**. The Tourism Division, with the exception of Small Business and Entrepreneurial Development, was transferred to the Department of Culture, Heritage and Tourism and the Petroleum and Energy Division of Energy and Mines was transferred to the Department of Conservation. Reporting for both, the Tourism Division and the Petroleum and Energy Division will be reflected in their newly structured departments' Annual Report.

REPORT STRUCTURE

The Annual Report is organized in accordance with the department's appropriation structure as at April 1999 and in the Main Estimates of Expenditure for the Province. This Report reflects the Department's Industry Development and Trade component of the former department of Industry, Trade and Tourism in Section 1, and the Mineral Resource Division of the former Department of Energy and Mines in Section 2. The Report includes financial performance and variance information at the main and sub-appropriation levels and information relating to the department's objectives and results at the sub-appropriation level. The Report also includes information about associated agencies, business assistance, revenue and expenditures, a five-year comparison of expenditures and a staffing analysis.

STATUTORY RESPONSIBILITIES

The Minister of Industry, Trade and Mines is responsible for the following:

The Convention Centre Corporation Act
The Co-operative Associations Loans and Loans Guarantee Act
The Co-operative Promotion Trust Act
The Design Institute Act
The Economic Innovation and Technology Council Act
The Manitoba Employee Ownership Fund Corporation Act
The Horse Racing Commission Act
The Labour-Sponsored Venture Capital Corporations Act
The Mines and Minerals Act
The Mining and Metallurgy Compensation Act
The Statistics Act
The Manitoba Trade and Investment Corporation Act

The Minister of Industry, Trade and Mines is also responsible for the following Boards:
The Manitoba Trade and Investment Corporation
The Manitoba Development Corporation
The Cooperative Promotion Board
The Cooperative Associations Loans and Loans Guarantee Board, and,
The Mining Board

ORGANIZATION

The department's 1999/00 organization structure is illustrated in the organization chart, page i. The roles, responsibilities and staffing are outlined in the following information.

ROLE AND MISSION

The Minister of Industry, Trade and Mines and the department, in pursuit of a vision of a prosperous and dynamic Manitoba economy generating progressive and sustainable employment and economic growth for all Manitobans, have established as their mission:

> *To facilitate private sector job creation by fostering and promoting an environment conducive to the sustainable development and growth of Manitoba business and mineral resources.*

In order to achieve this mission, the department is organized in four divisions:

THE ADMINISTRATION AND FINANCE DIVISION provides support for the operations of the offices of the Minister and Deputy Minister; provides central administrative and research services and statistical and labour force information to the department and other agencies of government; monitors and reports on the activities and policies of the federal government; and provides grant funding to the Manitoba Horse Racing Commission to provide for the supervision and regulation of horse racing in Manitoba.

THE BUSINESS SERVICES DIVISION promotes industrial development; provides or facilitates business access to capital; promotes trade and investment; facilitates the growth of Manitoba's telecommunications industry; facilitates economic development in Manitoba through the provision of industrial technology services; and delivers the Health Research and the Centres of Excellence Initiatives; co-ordinates and delivers a range of services for the enhancement and growth of Manitoba's entrepreneurial and small business community and provides support to groups and communities seeking to incorporate as co-operative.

THE MINERAL RESOURCE DIVISION promotes wise land management and environmentally sustainable economic development in the province based on Manitoba's mineral resources; fosters and enhances business development opportunities in mineral economic development through promotion and marketing activities; provides authoritative documentation of the province's mineral endowment and development potential; administration of legislation governing the disposition of mineral rights, exploration, development and production of Manitoba's mineral resources and, the rehabilitation of mines and quarries.

COMMUNITY ECONOMIC DEVELOPMENT COMMITTEE provides analytical expertise and administrative support to the Community Economic Development Committee of Cabinet; provides grant support to the Economic Innovation and Technology Council to facilitate its role in industrial innovation and technology commercialization and provides grants and other incentives through the Economic Innovation and Technology Fund for research, economic innovation and technology transfer.

SECTION 1

INDUSTRY DEVELOPMENT AND TRADE DIVISIONS

FORMERLY PART OF
THE DEPARTMENT OF
INDUSTRY, TRADE AND TOURISM

INDUSTRY DEVELOPMENT AND TRADE

ADMINISTRATION AND FINANCE

MINISTER'S SALARY AND EXECUTIVE SUPPORT

The Administration and Finance Division comprises the Executive Support Offices and Financial and Administrative Services.

EXECUTIVE SUPPORT

Executive Support includes the Offices of the Minister and Deputy Minister. The Minister provides leadership and direction to ensure the goals and objectives of the department are accomplished. The Office of the Deputy Minister provides the Minister with advice and information regarding issues and matters of concern to the department. Executive Support is responsible for providing the department with policy direction and the overall planning and co-ordination of departmental activities.

10-1(a) Minister's Salary

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Minister's Salary	27.0	1.00	27.0	0.0	
Total Expenditures	**27.0**	**1.00**	**27.0**	**0.0**	

10-1(b) Executive Support

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	464.8	8.00	396.8	68.0	
Total Other Expenditures	72.1		71.3	0.8	
Total Expenditures	**536.9**	**8.00**	**468.1**	**68.8**	

FINANCIAL AND ADMINISTRATIVE SERVICES

OBJECTIVES

The objectives of the Finance and Administration Branch is: to provide leadership, program direction, and operational co-ordination to support department activities. The Branch is customer responsive by providing high quality and timely services such as policy development, administrative and financial management, computer, and personnel services to the Department and its related Agencies through a centralized support service.

ACTIVITIES/RESULTS

The Branch processes payments and receipts; provides computer business application development and support services; recruits, deploys, trains and pays staff; administers and co-ordinates the Department's parking and pool vehicle programs; provides for physical accommodations including furniture and equipment and mail distribution; provides advisory and specialized accounting and financial management services to departmental personnel and related entities; supervises the Freedom of Information and Protection of Privacy Act; manages the Department's records management program and provides timely, accurate and relevant information to departmental and central agency decision-makers including budgetary and cash flow information to Treasury Board.

The Financial Services section processed approximately 20,000 payment/revenue transactions, 439 authority seeking documents and, 14 Freedom of Information requests. In addition, the section prepared the Detailed Estimates, coordinated the preparation of the Estimates Supplement, the 1998/99 Annual Report and all other year-end financial reports.

The Human Resource section provides human resource services to departmental managers and staff of the Departments of Finance, Government Services, Industry, Trade & Mines and Provincial Auditor's Office in accordance with the Civil Service Act, Manitoba Government Employee Union Master Agreement, Manitoba Labour Laws and Workplace Health and Safety Legislation. These services include staffing, employment equity, job analysis and classification, employee counselling, labour relations, and pay and benefits administration. The Departments also share resources for the branch management, training and development, occupational health and safety and employment equity program development. The human resource services also provides French Language service co-ordination for the Department.

Specific activities of Human Resource Services during 1999/00 included:

Employment Equity **-** The branch continues to co-ordinate the implementation of government-wide policies and initiatives.

Employment Equity Statistics as at Fiscal Year End

	1996-97 Actual (%)	1997-98 Actual (%)	1998-99 Actual (%)	1999-2000 Actual (%)
Aboriginal	1.8	1.7	1.7	1.8
Women	49.7	50.0	50.3	47.0
Disabled	1.2	1.2	1.2	1.2
Visible Minority	2.4	2.9	2.9	2.4

Payroll & Benefits **-** The branch maintained payroll records for 278 employees. Maintained comprehensive attendance and payroll information on the corporate human resource/payroll system (SAP).

Provided counselling and information on retirement, death benefits, long term disability and lay-off to 14 employee/family members.

Recruitment & Selection - Filled three permanent and six temporary position vacancies through formal competition process. Filled 12 positions through various direct appointments.

Consulted with departmental management/supervisory personnel, employees and the M.G.E.U. in the resolution of numerous labour relations issues, which resulted in no formal grievances being filed.

Branch staff work as case managers to provide skills assessment, recommendations for training, resume writing assistance, referral to re-employment opportunities, retirement information and feedback on interviews.

The sector continued to hire a number of individuals from their Outreach/Inventory list. Thiswas established to provide opportunities to qualified candidates on a casual and/or term basis. Departments of Finance and Government Services participated in the Aboriginal Management Project with the Civil Service Commission.

Position Classification - Prepared detailed classification analysis on five reclassification requests under delegated and non-delegated authority.

Staff Development - Trained 30+/- departmental employees in four in-house training and development programs involving three different course titles and four training days.

The Department introduced a new performance management system which will allow for performance feedback and skill development.

Occupational Health & Safety - Formulated Workers Compensation statistics for distribution to various Branches within the Department, which reported two accident/injury claims of which one accounted for no lost time injuries, and one accounted for one lost work day.

Attendance management, workstation assessments and the Return to Work Program resulted in reducing the Department's overall claim costs.

The Computer Services section of the branch undertook a major effort with the re-mediation of information technology infrastructure, applications and commercial software for Y2K. Business contingency and continuity plans for information technology were updated and the network backup facility was replaced. A critical failure was simulated and disaster recovery was conducted successfully. These efforts contributed to the Y2K moment passing without incident.

A new critical business application for Tourism was built that consolidated several older client/contact and marketing databases. The database is the central store for information about Manitoba's tourism products. This information is then extracted from the database and formatted to produce the Tourism publications such as the Accommodation Guide.

The branch consolidated financial information into a central data store. This was the second critical business application implemented in the year. The application tracks and manages a $93 million loan portfolio administered by Manitoba Development Corporation.

10-1(c) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	628.6	13.00	683.0	(54.4)	
Total Other Expenditures	278.8		290.1	(11.3)	
Total Computer Services	96.7		110.0	(13.3)	
Total Expenditures	**1,004.1**	**13.00**	**1,083.1**	**(79.0)**	

RESEARCH AND ECONOMIC SERVICES

OBJECTIVES

The objective of the Branch is to provide analytical, advisory and research support services to the Department and to the Secretariat of the Economic Development Board/Community and Economic Development Committee of Cabinet in the areas of trade, economic development and science and technology policy. This includes undertaking analysis of trade and science and technology policy issues, providing information documents for government, and working closely with other departments, governments, and private sector agencies to promote co-operation for mutual advantage.

ACTIVITIES/RESULTS

Research and Economic Services managed the ongoing implementation of the Agreement on Internal Trade within Manitoba. Efforts in this area included: supporting the Minister's participation as a member of the Ministerial Committee on Internal Trade; serving as Manitoba's Internal Trade Representative; co-ordinating the government-wide participation in the Agreement; consulting with Manitoba stakeholders on the extension of the Procurement Chapter of the Agreement to municipalities, academic institutions, schools and publicly-funded health and social service agencies as of July 1, 1999; monitoring disputes arising under the Agreement; and, participation in the Investment Working Group discussions on efforts to develop a mechanism to reconcile provincial differences concerning extra-provincial corporate registration and reporting requirements and to clarify and improve the Agreement's Code of Conduct on Incentives.

The Branch continued to provide support in the development of provincial policy respecting international trade agreements, including the Minister's participation at the 1999 Ministerial Conference of the World Trade Organization (WTO). Projects during 1999/00 included advice on international negotiations toward a Free Trade Agreement of the Americas, renewed WTO negotiations on agriculture and services and analysis and advice on trade issues regarding various products, such as wheat, dairy, beef, water and softwood lumber.

The staff provided support on issues relating to intergovernmental and interagency affairs. Support was provided to the Minister and Deputy Minister for Conferences, including meetings of Ministers responsible for International Trade and Deputies of Industry.

The Branch served as lead agent in departmental, governmental and intergovernmental matters related to science and technology. This included providing policy advice and liasing with and developing co-operation among groups involved in, and affected by, science and technology. Staff represented the Department on the Economic and Innovation and Technology Council's Standing Committee on Science and Technology and chaired the Industry and Technology Working Group under the Canada-Manitoba Trade MOU. The Branch assisted with projects related to the development of innovative areas of economic development in fields such as advanced composite materials, agri-food technologies, and university innovation centres. It developed S&T policy materials and collected science, technology and innovation statistics and indicators. Staff participated in the promotion of joint western science and technology co-operation. Staff also worked with the federal government and other provinces toward re-establishing a forum for national science and technology that would examine national S&T policy and program priorities in such areas as university research, biotechnology, and various aspects of information technology.

The Branch administered the Manitoba Centres of Excellence Fund, which has supported strategic research at the University of Manitoba since 1988. Manitoba supported research in such areas as advanced micro-electronics, neural regeneration, respiratory illnesses, genetic diseases, health management, bacterial diseases, robotics, telecommunications, asthma research, the industrial applications of mathematics, and the national research network for "Intelligent Sensing for Innovative Structures", headquartered in Manitoba. An interdepartmental committee was chaired by Branch staff to better co-ordinate R&D support activities and to promote increased university-based technology commercialization and industry technology transfer activities stemming from such R&D support. The Branch also continued its support for four annual student science fairs held across Manitoba, and received increased funding for this support.

The Branch also provided research and project support for the Department. Projects in 1999/00 included: continued business awareness activities regarding the Y2K problem, including presentations on Y2K issues to communities and business groups on request; co-ordination of departmental communication-related projects; review of the structure and performance of the Manitoba economy and the implementation of a quarterly report summarizing recent private sector expansions and innovations.

Planning support was provided to the Department and to individual branches including assistance in the development of the departmental business planning process and the compilation of departmental submissions for Ministerial briefing books. The Branch chaired the Inter-Departmental Business Planning Co-ordinators Council to assist the development of government-wide performance reporting.

The Branch continued to monitor Manitoba's trade performance and provided database support to the Department through the monitoring of positive economic developments and the surveying of the capabilities of Manitoba manufacturers. The Branch ensured that a comprehensive directory of manufacturing capabilities was available by completing its annual survey of over 3,000 firms. In 1999/00, a survey of skills shortages in private sector firmswas administered and completed. The Branch administered a database of positive economic news. A portion of each of these databases is available on the Internet at **www.gov.mb.ca/itt**. Work continued with other divisions in the department and other government departments to remove duplication of surveys collecting this information. The Branch also offered increased database support through the creation of various new databases (including a business opportunities database and a joint database/web project with Manitoba Business Magazine). The Branch assisted Information Systems staff with the creation of technology solutions to share data with federal agencies. The Branch established follow-up surveys for the collection of specific, issue-based information. The Branch expanded the functionality of the Business Opportunities Notification Database to make it more interactive with clients.

The Branch represented the Government of Manitoba on the Provincial-Territorial Advisory Committee of the Standards Council of Canada. This function involved extensive interdepartmental co-ordination to represent Manitoba's views on standards-related issues before the Council.

Economic analysis, policy advice, interagency liaison, and selected other services were also provided to the Department by the Branch.

10-1(d) Research and Economic Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	503.5	8.00	506.5	(3.0)	
Total Other Expenditures	171.7		173.3	(1.6)	
Total Expenditures	**675.2**	**8.00**	**679.8**	**(4.6)**	

MANITOBA OFFICE IN OTTAWA

OBJECTIVES

The overall objective of the Ottawa Office is to assist the Manitoba government and its agencies, Manitoba firms, communities, organizations and individuals in dealing with the federal authorities and in developing business. Critical activities in providing such assistance include the gathering and dissemination of information; representation of Manitoba's interests, and monitoring of federal actions and intentions on a range of issues including procurement.

Manitoba continues to be particularly susceptible to changes in federal transfers to the Provinces, which account for almost 35% of Manitoba's yearly revenues. Transfers to individuals add to the importance of the federal government to Manitoba. Public Works and Government Services Canada bought about $8 billion during 1999 in Canada which represented 65% of total departmental purchases. The Department of National Defence's capital and acquisition spending is about $5 billion each year. The federal government is the second largest employer in Manitoba after the provincial government. The presence of numerous other provincial/territorial offices in Ottawa demonstrates that we are not alone in the belief that representation in Ottawa is important in furthering provincial interests. In fact, the Manitoba Office, established in January, 1990, is among the more recent additions to the Ottawa scene. Since then, Newfoundland has opened a business development office, and Nunavut has established a presence in Ottawa.

ACTIVITIES/RESULTS

Information Gathering/Dissemination: The Office maintains regular contact with a network of Ottawa-based bureaucrats, lobbyists, political staff and business people in an effort to keep abreast of any developments emanating from Ottawa which effect or potentially effect, interests in Manitoba. Examples of results from this activity include provision of a Media Review, Federal/Provincial Balance Sheets, analysis of Estimates of key federal departments and monitoring legislation and reporting on hearings of parliamentary committees.

Representation/Lobbying: The Office acts as Manitoba's continuing representative in Ottawa and our presence is felt at all levels of the federal government. It provides logistical arrangements for Manitoba lobby efforts and trade missions. Manitoba Office staff also provide a useful and money saving function by attending, on behalf of Manitoba government departments, various federal/provincial meetings where the agenda or duration does not justify specialists travelling from Manitoba, but where Manitoba's continued involvement is considered necessary. During fiscal year 1999/00, the Office attended over 20 such meetings.

Procurement: While the procurement function involves some lobbying, the primary focus is on monitoring the progress and potential of specific purchases by the federal government. Activities include contact and liaison with federal officials, potential prime contractors, first tier subcontractors, Ottawa-based lobbyists, and most importantly, Manitoba industry. The capabilities of Manitoba suppliers are communicated to all parties involved in the procurement and the general direction for the contract is ascertained and communicated to relevant companies and appropriate Manitoba government officials. Specific complaints are also handled and in some cases resolved to the satisfaction of the Manitoba company. Even when not fully successful, such problems are less likely to re-occur after such consultation or intervention.

10-1(e) Manitoba Office in Ottawa

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	121.3	3.00	211.2	(89.9)	1
Total Other Expenditures	76.5		116.4	(39.9)	
Total Expenditures	**197.8**	**3.00**	**327.6**	**(129.8)**	

Explanation Number:

1. *The under expenditure is due to a vacant position and the under-filling of another.*

MANITOBA BUREAU OF STATISTICS

OBJECTIVES

The primary role of the Manitoba Bureau of Statistics (MBS) is to serve the informational requirements of the Manitoba Government, its departments and crown agencies. Specific objectives are:

- to actively participate in and co-ordinate the development of the Manitoba economic and labour force statistical system (data needs, collection, dissemination, presentation and analysis); and,
- to adapt the Manitoba statistical system to changing policy and program requirements.

In order to further its objective, MBS functions as the focal point for interface between the Province and Statistics Canada.

As the provincial central statistical agency, MBS has the following characteristics:

*Impartiality *Selective Specialization *Surveys *Co-ordination *Legislative Mandate

ACTIVITIES/RESULTS

The MBS strategic thrust is the provision of comprehensive information services to the Manitoba government, its agencies, the business community, and the general public. This strategy is carried out through four major areas of activity:

- responding to requests for MBS developed information; and liaison/co-ordination with Statistics Canada, provincial user departments/crown agencies, and with other provincial statistical agencies;
- providing common information in order to avoid duplication of effort and costs in the areas of data collection, analysis and dissemination; and provision of relevant information to senior and executive levels of government;
- undertaking data/information development, survey consulting/design, statistical consulting, economic impact assessments, information processing, electronic information dissemination systems development, and adequacy of surveys; and
- administrating the Bureau of Statistics and The Statistics Act (Chapter S205).

MBS is a service-driven agency. Selected activities and achievements are as follows:

Economic Accounts - MBS maintained an economic accounts framework for the Manitoba economy. These quarterly/annual accounts measured the overall performance of the provincial economy, with additional detail about principal industries and sectors. Information from the Economic Accounts is used throughout the public and private sectors in Manitoba. Preliminary economic growth estimates for 1999 were released in January 2000.

Manitoba Population Estimates - Undertook liaison with Statistics Canada regarding the determination of the appropriate statistical methodology to be used to determine provincial population estimates (e.g., 1996 Census net undercoverage estimates, review of Quebec's proposal to use composite estimation for 1996 Census population estimates). These population estimates are of critical importance as they are used to determine Manitoba transfer payments.

Manitoba Demographic Projections - New Manitoba and regional population projections to 2026 were disseminated along with labour force projections at the Manitoba level. Custom population projections for the regional health districts were prepared for the Manitoba Department of Health and the regional health authorities.

National Climate Change Implementation Process - Over the last 15 months, MBS has been Manitoba's representative on the Analysis and Modelling Group (AMG). The AMG, comprised of federal-provincial representatives, has been charged with the responsibility of determining the economic impacts on the Canadian economy of Canada implementing the Kyoto Protocol (i.e., to reduce Greenhouse gas emissions by 6% in 2008-2012 from the 1990 levels.

Statistical Information Product Subscriptions - Departmental subscriptions to the full MBS subscription service totalled 12 (six Manitoba government, two municipal government, two federal government and two business). In addition, the Legislative Library received six complete sets of MBS information products free of charge.

Provincial Electoral District Profiles - As has been done for the last three Censuses, MBS developed new detailed profiles of the population of Manitoba's 57 provincial constituencies. All Members of the Legislative Assembly of Manitoba received a copy of their riding's profile. For the first time, MBS also produced sub-constituency profiles whereby each riding was divided into four individual areas, and comparative profiles were prepared for each area.

Key Economic Indicator Reports - These reports encompass indicators such as the Labour Force, Consumer Price Index, Population, and Investment. Relevant informationis presented in both table and chart formats, and distributed on the day of release to selected Ministers and senior government officials. In addition, the "Quarterly Economic Summary" highlighting recent provincial economic developments, continued to be produced.

Statistical, Economic and Computer Consulting - Statistical, economic, computer and survey consulting services were provided to departments and crown agencies on both a "public good" basis and a cost-recovery basis (larger consulting projects). Major consulting activities have included: (1) economic impact assessment of various provincial economic initiatives for departments; and (2) provision of custom presentation graphics services to various provincial departments and crown agencies.

Contract Surveys and Information Development - MBS designed and implemented surveys/information development projects for individual departments and crown agencies on a cost-recovery basis. Projects have included: Industry, Trade and Mines - Trade Statistics Database; Manitoba Hydro – Food Prices Monitoring Survey.

Information Dissemination System - MBS has continued to enhance its desktop accessible information systems (e.g., Brief, Infonet, Online and Trade). We are developing an enhanced Infonet system that will contain: (i) all MBS reports, (ii) downloadable Excel™ spreadsheets, (iii) additional social data in the area of health, education, justice and social services, and (iv) a separate retrieval system for commodity detail on exports and imports.

Interdepartmental Liaison - MBS assisted individual provincial departments and crown agencies with their statistical activities and problems with the objective of avoiding duplication of effort and costs.

Federal-Provincial Liaison - Represented Manitoba's views on statistical matters to Statistics Canada including possible new methodologies to determine Manitoba's population. This activity had a significant impact on the level of federal transfer payments that Manitoba receives.

Information Requests - MBS responded to enquiries for information from MBS developed databases (Economic Accounts, Investment Statistics, Trade Statistics, Business Register, Vital Statistics, Postal Code Translator File). As well, MBS responded to requests for non-MBS developed data. These information requests ranged from those requiring a single quick response to those that required the development of custom computer-generated reports.

10-1(f) Manitoba Bureau of Statistics

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	641.5	12.00	664.3	(22.8)	
Total Other Expenditures	246.8		256.0	(9.2)	
Less: Recoverable from Other Appropriations	(98.2)		(60.0)	(38.2)	
Total Expenditures	**790.1**	**12.00**	**860.3**	**(70.2)**	

GRANT ASSISTANCE - MANITOBA HORSE RACING COMMISSION

OBJECTIVES

The objectives of the annual grant to the Manitoba Horse Racing Commission are to enable it to control, supervise and regulate the conduct of horse races and the operation of race tracks, and to support the development of a competitive horse racing and breeding industry in Manitoba.

ACTIVITIES/RESULTS

The Commission controlled, supervised and regulated a thoroughbred racemeet at Assiniboia Downs; a program of standardbred racing on the Great Western Harness Racing Circuit in rural Manitoba; a Quarterhorse racemeet at Rossburn; and teletheatre facilities in Manitoba. The Commission also supervised a program of simulcast wagering.

The Manitoba Horse Racing Commission tables its annual report under separate cover with the Manitoba Legislature.

10-1(g) Manitoba Horse Racing Commission

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Other Expenditures	28.0		0.0	28.0	
Total Grant/Transfer Payments	36.5		164.5	(128.0)	1
Total Expenditures	**64.5**		**164.5**	**(100.0)**	

Explanation Number:

1. *The Manitoba Horse Racing Commission funding requirements were less than budget.*

BUSINESS SERVICES

INDUSTRY DEVELOPMENT - CONSULTING SERVICES

OBJECTIVES

It is through the strength of its partnerships with industry and other private and public stakeholders, as well as its extensive knowledge of specific industry segments that Consulting Services staff are able to deliver programs and services which add value to private and public sector initiatives. The primary objective of the Branch is to maintain and expand Manitoba's economic base. This is achieved by working closely with industry and providing consulting support to facilitate the expansion of existing firms and attraction of new business to Manitoba. These efforts contribute directly to Manitoba companies competitiveness in the global environment and allow us to anticipate, identify and pursue rapid growth sectors.

The Consulting Services Branch is organized into sectors, with consultants assigned responsibility for the development of specific sectors including aerospace, agri-business, environment, garment, transportation, printing, processed foods, and wood and non-wood products. Consulting Services also has three strategic areas of focus. Individuals working in each of the sectors are challenged to grow the sector by implementing projects based on three technology platforms - (1) Advanced materials and manufacturing; (2) Information and communications technologies; and (3) Life sciences/biotechnology. The primary sectors and the supporting technology platforms are highlighted in the following table.

Primary Sectors and Technology Platforms

	Technology Platforms		
Sectors	Advanced Materials and Manufacturing	Information and Communications Technologies	Life Sciences/Biotechnology
Aerospace			
Agri-Business Manufacturing and Technology			
Commercial Printing and New Media			
Education and Training			
Environment			
Processed Foods			
Garment			
Life Sciences/Biotechnology			
Information and Communications Technologies (ICT)			
Manufacturing			
Transportation			
Wood and Wood Products			

ACTIVITIES/RESULTS

Building on eight years of continued increases in capital investments, Consulting Services staff have been actively involved in promoting and supporting a large number of highly successful projects and organizational advancements in the past year in a wide range of industry segments. Manitoba continues to build on its diversified base, with major investments occurring in food processing, wood products, manufacturing, aerospace, information and communications technologies, biotechnology, and more.

The following sections capture some of the more significant investments and developments within each major industry segment that have taken place in the past fiscal year. It also provides a sampling of some of the major projects that staff are actively pursuing. These projects exemplify both the scope and variety of supports and industries which receive assistance from the Consulting Services Branch.

Aerospace

The Manitoba Aerospace Supplier Development program is the key initiative undertaken to expand industry capabilities in Manitoba. Consulting Services Branch, together with Boeing Canada and several smaller Manitoba suppliers, supported the Manitoba Aerospace Association initiative to repatriate contract work currently sent offshore. Under thementorship of the larger Manitoba companies, small suppliers are provided guidance on becoming qualified suppliers to national and international aerospace manufacturers. During the past year, one company (Cormer Group Industries) successfully completed the program and subsequently won work packages from Boeing Canada. The province provided feasibility study support toCormer Group to develop and implement a quality plan to support its proposal to Boeing. Within the next five years, several hundreds of manufacturing jobs could be created in the provinceas a result of export replacement.

A multi-year technology development project sponsored by the province, the Canadian Space Agency and corporate funding was completed this year. Under the ManitobaSTEAR (Strategic Technologies for Automation and Robotics) program, KOR Product Design completed prototype development of a 'Universal Human-Machine Interface Template' having specific application to hand console controls for mobile equipment. Because of the new capabilities developed during its participation in the STEAR program, this Manitoba company has adopted a new corporate strategy focused on the advanced development of control systems. Its relationship with the national space agency has opened new market opportunities to the company.

In conjunction with Boeing Canada, visits were made to aerospace suppliers in the western United States to promote investment and business expansion in Manitoba. If successful, new industry capabilities could be developed in the province within the next two years.

During the last year, Industry, Trade and Mines led an interdepartmental working group tasked with developing and recommending policies to the government for maintaining the operational integrity of the Churchill launch site. In association with Manitoba Conservation, Government Services and Aboriginal and Northern Affairs, a support and marketing plan was developed. Plan approval and implementation is anticipated in FY 2000/01. A web site (www.churchill-launch.com) which was developed to support international marketing efforts has received an average of one thousand inquiries per month.

Agri-Business Manufacturing and Technology

Our innovative and competitive strengths in grain-based technologies and agri-industrial/advanced manufacturing have been developed and proven in the trend-setting, but relatively small and finite western Canadian market place. Spurred on by buoyant domestic market conditions during the past decade, industry leaders indicate that this impressive expansion and technological growth of Manitoba's "agri-industry" advantage can only be maintained by achieving success in high potential, incremental export markets. Therefore, the sector strategy taken by the Industry Development Division has been to focus not only on the three technology platforms and the retention of skilled employment, but to facilitate agri-marketing linkages and international promotion as well.

Supporting this strategy, over 150 of Manitoba's key industry leaders successfully cost-shared in the recently completed CD-ROM buyers' guide which provides a virtual, multilingual flagship presentation focusing on agri-business. This internet marketing tool or 'portal' features 'hot links' to individual company web sites, as well as Manitoba's entire database - all industry sectors. During the past year, a number of Manitoba manufacturing and technology firms have initiated major new business operations, plant expansions or technology innovation to benefit from new emerging trends in grain transportation, crop diversification and livestock production.

Many have utilized Industry Development financial program support - i.e. Ag-Quest, Ag Shield, Buhler Industries, Inland Industries, deKoning Manufacturing, Aventrex, Hi-Qual Manufacturing, MacDon Industries, Minic/Rancan Industries, Northland Superior, FWS Construction, Western Canada Testing, etc.

During the past year, Industry Development served on a project team with other private and public sector jurisdictions in an intensive and co-operative team effort to successfully retain the Versatile tractor manufacturing facility in Winnipeg. Eventually purchased by Buhler Industries, substantial direct and indirect economic spin-offs were at stake for the province's well-developed infrastructure of component manufacturers, many of who target the transportation and aerospace sectors as well.

Commercial Printing and New Media

During the past year, the Manitoba printing and publishing industry experienced continued strong growth with shipments reaching $700.0 million for the first time. A key component of the success of the industry has been its ability to seek out and develop new export markets. In 1999, total exports exceeded $100.0 million - an increase of some 229% over exports of $44.0 million in 1995.

Some of the key events in the 1999/00 fiscal year included the purchase of LGM Graphics and Spot Printing by G.T.C. Transcontinental Group of Montreal. Naylor Communication undertook a major $6.5 million expansion of plant facilities and new equipment. Many other companies continued to upgrade to new, larger equipment that incorporates the latest digital technology.

Consulting Services Branch also participated with several other agencies to support the Manitoba Motion Picture Industry Association in undertaking an economic impact study of the film industry in the province. This continues the work to expand the infrastructure of the film industry such as the newly formed Prairie Production Centre studios that opened in the fall of 1999.

Education and Training

Industry Development Division, Consulting Services Branch has joined the newly formed Manitoba International Education Policy Planning Group. The group is tasked with increasing the number of foreign students that study in Manitoba at the primary and secondary levels. As well, the group is determining new methods to attract wealth and jobs to the province by increasing the number of graduates from Manitoba.

Environment

The Environmental Industries sector in Manitoba is tackling some of today's most pressing issues such as climate change, manure management and solid waste treatment. The Department has been involved with a diversity of enterprises that are developing new technologies, such as hydrogen fuel cell refueling systems and leading edge bioremediation of wastewater. International competitiveness is being enhanced as small and major Manitoba companies begin the process of integrating environmental management systems, such as ISO 14000. The sector is becoming more sophisticated and aggressive in international markets as it stakes its claim in the $600.0 billion global market.

Processed Foods

Manitoba's processed food sector has showed no signs of slowing its multi-year pattern of significant growth as various industry segments continue their course of achieving global competitiveness. To this end, Consulting Services staff was very active in facilitating a wide range of projects to help our processed food companies capitalize on liberalized trade agreements.

Staff contributions to the J.M. Schneider project in terms of promoting Manitoba as a place to invest as well as the assistance provided in the site selection process were key to securing one of the most significant investments in the history of Manitoba's food industry -- the company's $125.0 million proposed hog processing facility. Staff negotiations with K&G Mushrooms also led to a $5.365 million investment, made possible with the aid of a $1.5 million MIOP loan. Staff also provided support under the department's Feasibility Studies program for market studies, plant designs and business plans for a wide range of new and existing companies including Roastwell International, Western Tanners, Canada Compound Ltd., Agassiz Brewing, Kraves Candy, and Emerson Milling. Departmental staff also led efforts to secure provincial funding for the Blumenort sewage lagoon so that Granny's Poultry could proceed with their $10.0+ million plant expansion. In aggregate, these investments are projected to create up to 1,618 new, full-time, permanent jobs with more than $150.0 million in new investment. Staff continues to pursue a variety of specific opportunities that will enable us to support the continuation of this upward trend.

In addition to the growth of these traditional food industry segments, greater emphasis is also being placed on the commercialization of functional foods and nutraceutical products within the province. To this end, Vita Health Products Inc., one of Canada's largest manufacturers and distributors of private label herbal products, nutritional supplements and pharmaceuticals, recently completed a $5.4 million investment in their Winnipeg research, manufacturing and distribution centre.

Garment

Manitoba apparel manufacturers have seen significant growth in this industry as a result of successful export market development strategies, creating pressures due to continued shortages of skilled workers in the province. To this end, Consulting Services staff focused on some key strategies to deal with this issue. These included facilitating the expansion of existing operations and establishment of new operations into the comparatively more labour abundant areas of rural Manitoba. A second strategy was to work in partnership with Human Resources Development Canada, Federal Immigration and Manitoba Citizenship Branch to develop a Labour Force and Immigration Strategy for the Apparel Industry. To date, this strategy has resulted in the recruitment of approximately 90 workers from different countries for various apparel manufacturers.

Another initiative that has been instrumental in addressing industry needs has been the development and promotion of advanced manufacturing technology. A number of manufacturers (i.e. Warehouse One, Western Glove, Nygard) have taken the lead in introducing new technology into their manufacturing and merchandising operations to ensure that they are competitive and successful in the global market place as well as being responsive to customer needs.

Life Sciences/Biotechnology

Consulting Services is aggressively pursuing opportunities associated with the life-sciences/biotechnology platform. Specifically, the Branch has been active developing the necessary infrastructure to grow the biotechnology sector and attract foreign investment capital.

In light of the increasing attention to biotechnology, an interdepartmental working group, with representation from Manitoba Industry, Trade and Mines, Health, Agriculture and Food, and Conservation, has been established to explore the need for a strategy to guide the development and growth of the province's biotechnology industry. The development of a Manitoba Biotechnology Strategy will ensure that the province is positioned to capitalize on the economic growth and job creation expected from the emerging knowledge-based global economy. Over the past year, the Branch led a biotechnology mission to Western Europe to explore opportunities for collaborative research projects between European and Manitoba biotechnology stakeholders. The positive response and business development opportunities identified have resulted in a number of follow-up discussions.

The Manitoba Clinical Research Initiative (MCRI) is a Manitoba Industry, Trade and Mines led initiative that has been developed to strengthen the infrastructure on which clinical research trials are carried out within Manitoba's teaching hospitals and office sites. It is believed that attention to the province's clinical research infrastructure will facilitate increased support from Canada's Research-Based Pharmaceutical (R_x&D) companies for multi-phase clinical studies within the province.

Monsanto Canada Inc. announced the establishment of a $10.0 million Crop Technology Centre on the University of Manitoba campus. The facility will provide important research infrastructure for advancement of biotech traits that ensure the continued competitiveness of Canada's agricultural industry. The Centre is being established in the former Dominion Rust Lab. Manitoba Agriculture and Food and Industry, Trade and Mines invested $1.0 million to assist with the renovation of the building and construction of greenhouses on the site to accommodate a modern crop development research program.

Information and Communications Technologies (ICT)

The primary focus of the ICT sector team in the past year was to continue to support sector growth by key investments in ICT projects and infrastructure. The following are samples of the key ICT projects the Branch actively developed over the last year to accomplish these goals. Vansco Electronics received a $4.0 million MIOP (Manitoba Industrial Opportunities program) loan to support a $13.0 million expansion creating 200 jobs over three years. Momentum Software received a $500,000 MIOP loan to assist with the completion of research and development of two components of the company's healthcare software package. Ingenuity.com has received $50,000 TCP (Technology Commercialization Program) support for their R&D project and is working toward completion over the next year. CDS Technologies received a $50,000 TCP. We assisted Priority Electronics with an Employment Partnerships Agreement for up to $272,542 in co-operation with Manitoba Education and Training, Employment and Training Services Branch, to cover the costs of construction of a training lab, equipment and course development of a Fiber Optic Technician course. Skunkworks Inc. is in the business of designing and marketing the motion base and cockpit elements of a two-person flight simulator for the entertainment business. We have worked with Skunkworks Inc. and provided funds for a feasibility study and a $50,000 TCP.

Industry Development Division, Consulting Services Branch supports infrastructure-developing groups such as TRLabs, MRnet (Manitoba Research Network), MATA (Manitoba Advanced Technology Alliance), and MIN (Manitoba Innovation Network). For example, TRLabs is Canada's leading information and communications technologies (ICT) pre-competitive, not-for-profit applied R&D consortium. TRLabs has established itself as a key component of Manitoba's high-tech infrastructure, delivering benefits to SMEs, high-tech students, the U of M, the ICT industry sector, and the community at large.

The primary role of the Industry Development Consulting Services ICT team is to identify, develop and deliver incremental project-based development activities.

Traditional Manufacturing

Manitoba's manufacturing sector encompasses a wide range of metal and plastic component suppliers to original equipment manufacturers (OEMs) located within as well as outside the province. A major initiative of Consulting Services has been to advance the infrastructure of Manitoba suppliers in the areas of skill development, quality certification and technology upgrades of equipment and processes. To this end, key projects that have been undertaken with the assistance of Consulting Services include Acsion Industries Inc. of Pinawa and Wardrop Engineering Inc. Acsion Industries Inc. was assisted to develop electron beam (EB) curable adhesives to be utilized in the repair of composite materials, particularly in the aerospace industry. Wardrop Engineering Inc. of Winnipeg was assisted to design a new, state-of-the-art, fibre reinforced polymer (FRP) bridge deck. The project is a joint venture with plastic fabricator, Faroex Ltd. of Gimli, who are building the prototypes, while the testing is being undertaken by Intelligent Sensing for Innovative Structures (ISIS Canada) at the University of Manitoba. Finally, Engineered Power Components of Winnipeg was assisted to develop medium voltage cast epoxy apparatus bushings for use in switchgear applications.

Transportation

Consulting Services is working with Arne's Welding Ltd. and the Technology Commercialization program to conduct a Finite Element Analysis (FEA) of a prototype trailer to test a new design. The goal of Arne's Welding is to build a trailer lighter in weight without sacrificing strength. A successful conclusion to this program would result in a new line of trailers and create 10 new jobs. Since the announcement in January 1998 that Canada will buy 15 Cormorant Search and Rescue Helicopters for $629.0 million, Consulting Services has worked to attract industrial and regional benefits (IRBs) to Manitoba. The first announcement on new business was made in January 2000, whereby Bristol Aerospace of Winnipeg will be receiving contracts in the range of $20.0 million for subcontract work on the helicopter.

Consulting Services has been working with Carlson Structural Glass Ltd. on a diversification program. The company had previously devoted almost all of their production to making components for the bus industry. A new product development program was instituted and as a result, Carlson Structural Glass Ltd. has expanded and diversified by adding 60 more people to their payroll. Daher Manufacturing Inc. is a producer of polyurethane foam products for the transportation, computer and health-care industries. Consulting Services is working with the company to develop a new process (Reaction Spray Molding) to make a new line of products. The first item will be a dashboard for a major bus manufacturer. The cost of implementing a new reaction spray molding system is estimated to be $500,000 and will create six new jobs.

Wood and Non-Wood Products

Consulting Services contributed to several significant economic development initiatives/ projects in this past year.

In the non-wood products sector, Cambrian Stone Inc., a newly formed company, is proposing a $90.0 million composite stone manufacturing facility in Lac du Bonnet, with the help of a pending secured, repayable loan from the joint federal/provincial Whiteshell Economic Development Assistance (WEDA) program.

In the wood products sector, Tolko Industries Ltd. just completed a $35.0 million upgrade to its sawmill which has doubled capacity to 140.0 million b/f of lumber per year. The company plans to spend an additional $40.0 million in the sawmill division conditional on an acceptable outcome to the Canada-U.S.A. Softwood Lumber Agreement. Over the next five years, Tolko will also spend an additional $100.0 million in its paper division adopting a new pulping process and increasing capacity.

Tembec (Pine Falls Paper Company) will have to expand and modernize operations over the next five years to remain cost competitive. The $85.0 to $150.0 million TMP upgrade will change the pulping process and enable the company to use a greater percentage of species (fibre) mix. Tembec and Sagkeeng First Nations have entered into a joint venture agreement to construct, own and operate a sawmill. The proposed $60.0 to $80.0 million sawmill will produce 130.0 million b/f of lumber per year and supply wood chips to the paper mill.

Spruce Products Limited just completed a $7.5 million program to expand capacity and improve fibre recovery rates.

Finally, in 1999, Mid-Canada purchased Schmidtke Millworks Ltd. from receivership with start-up funding partially supported by Grow Bonds. At present, the company employs 75 people and operations are on budget.

Special Projects

Due to federal government budget cuts, Atomic Energy of Canada Limited (AECL) is closing Whiteshell Laboratories. The loss of jobs and economic activity (1,100 jobs and $72.0 million per annum in expenditures) is having a significant impact on Eastern Manitoba. While the federal government has primary responsibility, the Department has agreed to share the cost with the Government of Canada of economic development initiatives in the region. The Economic Development Authority of the Whiteshell was established as well as a $20.0 million Whiteshell Economic Development Assistance repayable loan fund. The success of these initiatives has been limited due to the lack of full co-operation of AECL. To date, three small businesses have been established with assistance from the Whiteshell Economic Development Assistance loan program.

In May 1999, New Holland N.V. and Case Corporation announced their intention to merge their operations. In approving the merger, the U.S. Federal Trade Commission demanded that the merged company sell the tractor lines produced at the Versatile Farm Equipment plant in Winnipeg in order to maintain competition in the market place. The Department took a lead role in developing presentational material for potential purchasers and in tracking developments regarding the asset sale. At the time of writing in June 2000, the facility has been purchased by a subsidiary of John Buhler Inc. of Winnipeg and 600 jobs.

10-2(a) Industry Development – Consulting Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,860.6	33.40	2,271.1	(410.5)	1
Total Other Expenditures	763.5		844.3	(80.8)	
Total Grants	7.2		16.9	(9.7)	
Total Expenditures	**2,631.3**	**33.40**	**3,132.3**	**(501.0)**	

Explanation Number:

1. *The variance is due to vacant and under-filled positions.*

INDUSTRY DEVELOPMENT - FINANCIAL SERVICES

OBJECTIVES

The objective of Financial Services is to encourage and facilitate entrepreneurial and employment opportunities within the Province through the establishment of new businesses or the expansion/retention of existing Manitoba businesses. The branch assists the private sector in supplying risk capital to Manitoba's small and medium sized businesses. It does this by partnering with the private sector to create new sources of risk capital, by hosting entrepreneurial expositions and seminars to raise the awareness of local investment opportunities and by supporting legislative, regulatory and policy changes which promote and facilitate the availability of risk capital. The branch also provides loans and cost-shared assistance to augment private sector financing. Professional services support, including financial advisory, business planning, budgeting and accounting services are provided to the branch, the Department of Industry, Trade and Mines and other departments and agencies of Government. The branch is also responsible for the operations of the Manitoba Development Corporation, which manages and monitors the loans and investments entrusted to the branch.

ACTIVITIES/RESULTS

THIRD PARTY DELIVERED PROGRAMS

The Third Party Delivered Programs assist the private sector in delivering risk capital to businesses. This is done by co-investing with the private sector, providing incentives to individual investors and hosting investment forums.

CO-INVESTING WITH THE PRIVATE SECTOR

The Department co-invests with the private sector to form pools of investment capital. Currently, the Department is invested in five pools of private risk capital - Vision Capital Fund, Manitoba Capital Fund, Renaissance Ventures Capital Fund, Manitoba Science and Technology Fund and Keystone Technologies Inc. The pools range in size from $4.0 million to $45.0 million. They are profit seeking and are privately managed. They supply risk capital financing to Manitoba-based small and medium sized enterprises ("SMEs"). Financings are in amounts ranging from $50,000 to $10.0 million.

In 1999/00:

- **Vision Capital Fund** invested $4.3 million in five companies.
- **Manitoba Capital Fund** invested $1.8 million in five companies.

In addition, 3 new funds were launched in 1999/00:

- **Renaissance Ventures Capital Fund** invests primarily in early-stage companies in the information technology, communications, healthcare and value-added agriculture sectors. Renaissance invested in two companies for a total $1.0 million.
- **Manitoba Science and Technology Fund** invests in early-stage companies in the science and technology sector. The Fund invested in one company.
- **Keystone Technologies Inc**. invests seed capital in healthcare technology companies. Keystone invested in two companies.

PROVIDING INCENTIVES TO INDIVIDUAL INVESTORS

The Government issues tax credits to encourage individuals to invest in Manitoba. Currently, the Department is sponsoring two such programs - the Labour-Sponsored Investment Fund (LSIF) program and the Manitoba Equity Tax Credit (METC) program. There are two Manitoba-based LSIFs - the Crocus Investment Fund and the Ensis Growth Fund Inc. Under the LSIF program, individuals receive tax credits for placing funds in a Manitoba-based LSIF. The LSIFs are profit seeking and are privately managed. They supply risk capital financing to Manitoba-based SMEs. The financings they supply are in amounts ranging from $300,000 to $10.0 million.

Under the METC program, individuals receive tax credits for purchasing qualified publicly traded shares of Manitoba-based companies.

In 1999/00:

- **Crocus Investment Fund** invested $28.9 million in 25 companies.
- **Ensis Growth Fund Inc**. invested $2.5 million in four companies.
- **The Manitoba Equity Tax Credit** program was launched.

HOSTING EXPOSITIONS AND SEMINARS

The Department partners with the private sector to host entrepreneurial expositions and educational seminars. The events provide forums for growing Manitoba-based SMEs to meet with individuals from the local investment community. The annual Invest Manitoba Venture Showcase and Manitoba Investment Forum events are Manitoba's premier investment forums. In 1999/00, 21 companies made presentations at the Venture Showcase and 36 companies made presentations at the Investment Forum.

PROVINCIALLY-DELIVERED PROGRAMS

MANITOBA INDUSTRIAL OPPORTUNITIES PROGRAM (MIOP)

MIOP was instituted in 1988 to facilitate significant business investment in Manitoba which otherwise would not occur. It provides highly flexible financial support to encourage the expansion of existing Manitoba industry or to encourage companies to relocate in, or to Manitoba. The program utilizes a repayable secured loan form of financial assistance, which may include some conditional forgiveness in return for commitments to provide various economic benefits including job creation and capital expenditures. MIOP projects provide a significant positive ratio of direct provincial benefits to direct provincial cost. Since the inception of MIOP in 1988, funding totaling $142.9 million has been offered to business to assist in 101 expansion or relocation projects which levered investment of $521.4 million and is anticipated to create about 7,736 new jobs for Manitobans. In most cases these projects have resulted in other spin-off forms of economic activity, such as construction and construction jobs; purchases of Manitoba goods and services; increased exports; import replacement, etc. In 1999/00, the Department negotiated 10 MIOP agreements totaling $11.9 million in assistance. These agreements resulted in $36.3 million in new capital investment and included commitments for 936 new jobs.

MANITOBA BUSINESS DEVELOPMENT FUND (MBDF)

This fund, via its component programs, supports economic development activities by Manitoba businesses. The fund provides financial assistance for cost-shared/full-cost strategic or feasibility studies for equipment selection, marketing, viability, and industry and design studies conducted by independent consultants. The fund also provides financial assistance to Manitoba businesses to enhance their technology capabilities; encourage import replacement; and commercialize products, which incorporate new ideas and technology. In 1999/00, the Manitoba Business Development Fund provided financial assistance to a total of 67 projects.

MANITOBA DEVELOPMENT CORPORATION

Via the Manitoba Development Corporation, the Branch manages, administers and accounts for a portfolio of provincial loans and investments. At March 31, 2000, the Corporation had over $100.0 million in loans and investments under administration.

10-2(b) Industry Development - Financial Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	612.0	12.00	749.1	(137.1)	1
Total Other Expenditures	252.0		248.9	3.1	
Programs:					
- Manitoba Industrial Opportunities Program	41,611.9		9,714.8	31,897.1	2
- Vision Capital Fund	9,003.0		1,300.0	7,703.0	3
- Manitoba Business Development Fund	1,739.2		2,000.0	(260.8)	4
- Small Business Expansion Fund	0.0		100.0	(100.0)	5
- Manitoba Capital Fund	266.9		240.0	26.9	
- Less: Interest Recovery	(1,579.6)		(2,354.7)	775.1	6
- Less: Recoverable from Rural and Urban Economic Development Initiatives	0.0		(100.0)	100.0	5
Total Expenditures	**51,905.4**	**12.00**	**11,898.1**	**40,007.3**	

Explanation Number:

1. *The variance is due to under-filled and vacant positions.*
2. *Higher than budgeted loan loss valuation allowance is partially offset by lower than budgeted forgivable loan expenditures.*
3. *The over-expenditure is due to a higher than budgeted loan loss valuation allowance.*
4. *Certain grants, which were included in the budget, were not processed.*
5. *The program has been under-utilized and has been terminated in 1999/2000.*
6. *Interest recoveries vary depending on the magnitude of loans disbursed, the timing of loan disbursements, the interest provisions of loans and the performance of individual loan accounts. Given the number of factors involved, there can be wide variations between actual results and budget projections.*

MANITOBA TRADE

MANITOBA
TRADE AND
INVESTMENT

OBJECTIVES

Manitoba Trade and Investment (MTI), in keeping with a government-wide international business strategy, was established to create a single, highly visible entity to raise Manitoba's economic profile; to focus and increase the effectiveness of trade and investment activities; to provide a core of knowledgeable and skilled resources to facilitate trade and investment and to co-ordinate trade activities with other governments, departments and agencies. It takes the lead in creating and delivering exemplary trade and investment development strategies and programs that strengthen the performance and growth of industry and increase Manitoba's trade and investment performance. The Division manages the Manitoba Trade & Investment Corporation and utilizes the Corporation for the delivery of its projects. With regard to export development, MTI's primary clients are typically small and medium-sized Manitoba companies that are either exporting or have export potential. For inward investment, primary clients are Manitoba and foreign companies who are pursuing strategic alliance partners or companies and individuals interested in investing in or establishing a business in North America.

Manitoba Trade & Investment has three main goals: to increase the number of active exporters, to increase market diversification of existing exporters, and to increase foreign investment in Manitoba.

MTI concentrates on five key activities to achieve these goals: matching Manitoba's core capabilities and strengths with market opportunities, establishing a presence for Manitoba within targeted international markets, developing the capabilities of Manitoba exporters to export to these markets, diversifying Manitoba's industrial base to increased value-added production, and promoting the "Manitoba Advantage" to international investors.

ACTIVITIES/RESULTS

EXPORT DEVELOPMENT
- SUPPORTING NEW EXPORTERS AND BUILDING NEW MARKETS

MTI's strategy for export growth has two components: helping to create new exporters and helping established exporters to diversify their markets. Trade Specialists provide sector-specific trade and investment support to companies in priority sectors. The exporter development component activities include a variety of services intended primarily to assist Manitoba's small to medium-sized enterprises. These activities/services include counselling and diagnostic analysis, dissemination of market information/intelligence on new and existing markets, group trade shows and missions, and new export training and export financing. The Trade Specialists identify and qualify new and potential exporters and support Manitoba exporters in market diversification. Priority sectors include food and beverage processing, apparel, building products, original equipment manufacturers and sub-components/agricultural equipment and exportable services. MTI also co-ordinates export training programs for Manitoba businesses to encourage them to consider exporting in their plans. MTI ensures prospective and early-stage exporters have access to high-quality export skills training programs.

MTI provides counselling and assistance to Manitoba companies to help them access export financing. Two years ago, two International Financial Institutions (IFIs) (the World Bank and The Inter-American Development Bank) were identified and key resource people contacted to establish the foundation for a future Manitoba mission. In September 1999, Manitoba Trade led a business mission to Washington, D.C., which included eight representatives from Manitoba exportable service companies. The main objective of the mission was to provide our companies with a first-hand opportunity to better assess IFI prospects. The mission program included participation in business briefing sessions and one-on-one meetings with IFI officials. A follow-up business mission will be held in 2000.

Companies are also assisted through the Trade Assistance Program (TAP) which provides support to Manitoba companies to access new export markets.

MARKET DIVERSIFICATION

In addition to Trade Specialists, MTI has a team of Geographic Officers, all of whom work together to help existing exporters diversify their markets. The Geographic Officers identify priorities for foreign markets by sector and provide in-depth knowledge of foreign regions. They provide in-market support to companies by establishing business and government contracts, providing market intelligence and onsite assistance from contracted foreign trade representatives. As well, the Geographic Officers are responsible for investment promotion in their respective territories.

MTI helped 100 Manitoba companies develop as new exporters and 232 Manitoba companies to diversify their markets around the world. As well, MTI organized trade shows and buyer missions to introduce companies to new market contacts. Many of the U.S. located shows (five shows, 30 participants) are international in scope and provide an opportunity for Manitoba products and services to gain recognition in international markets. Qualified exporters were introduced to opportunities in priority international offshore markets. Their entry was facilitated by directed market intelligence and focused trade initiatives such as trade shows and missions.

INTERNATIONAL INVESTMENT

MTI co-ordinates the Province's international investment attraction strategy by identifying Manitoba's competitive strengths and promoting them in target markets; gathering regional comparisons and compilations of costs and benefits of establishing, expanding or locating a business in Manitoba; acting as Manitoba's first point of contact with prospective international investors and provides site selection services for these clients; identifying specific sectoral investment opportunities, including greenfield, joint ventures, plant expansions and strategic alliances; and identifying and recruiting business immigrants.

The International Investment activity includes four major activities: Business Investment, Business Immigration, Investment Promotion and Market Intelligence and Information Services.

Business Investment

A call and outreach program was co-ordinated in Minneapolis where a prominent company executive from Manitoba spoke to a meeting of Minneapolis executives on the advantages of doing business in Manitoba. This project was jointly presented with the Canadian Consulate in Minneapolis.

MTI continued work with Investment Partnerships Canada to develop a National Site Selection Database for the "Invest in Canada Web site aimed at site selectors and potential investors.

MTI participated in the International Development Research Council Spring Congress. This is a major opportunity to promote Manitoba to corporate real estate executives of Fortune 1000 companies in the U.S. and Canada, site selection consultants and economic development agencies from across North American and the world.

Plans are for Manitoba to attend with a business group each year in order to build relationships with site location and expansion decision-makers.

MTI initiated work in developing potential investment opportunities which will be used to attract and retain private sector investment in the province. These opportunities are being developed in conjunction with other provincial, federal and municipal governments, as well as with the private sector.

Business Immigration
Manitoba's entrepreneurial clients have come from a variety of regions with large numbers originating from Korea, the United Kingdom, Colombia, Brazil, Germany and China. MTI promotional missions, immigration lawyers and consultants, and the local community generate the majority of entrepreneurial clients for Manitoba.

Manitoba completed eight promotional missions to target regions over the past four years, with the aim of generating exploratory visits to the province.

Interested business people conducted 111 exploratory visits to Manitoba between 1996 and 1999. Thirty-three business people have selected Manitoba and applied to immigrate and establish a business here. The known investment potential of 26 of the clients is $13,987,000.

A total of 28 clients have moved to Manitoba during the past four years. The known investment potential of 14 of those is almost $10 million. An example of an entrepreneur who has been attracted by the program includes a business immigrant from Mexico who moved to Winnipeg in January 2000, where he has established a trading company to market Manitoba products to his distribution network in Mexico.

MTI worked with the Citizenship and Multiculturalism Division (CMD) of the provincial Department of Labour to develop a Provincial Nominee Program for Business (PNP-B). The program will allow the province to nominate those business immigrants who promise to establish a business in Manitoba. The PNP-B is attractive to potential immigrants because it significantly reduces processing time. It is expected that the PNP-B will be launched in the 2000/2001 fiscal year.

Investment Promotion
MTI's investment marketing strategy incorporates a number of tools, including an extensive line of printed promotional literature, electronic promotion such as videos and Web sites, personal marketing at events and trade shows, and a modest advertising campaign in targeted journals. Where appropriate, these materials have been translated into additional languages, including Mandarin, Japanese, Korean, French, Spanish and Portuguese. These promotional materials are all developed under the banner "The Manitoba Advantage," as part of a consistent province-wide strategy. The print advertising campaign targets Manitoba's two key investment markets (the U.S. and Europe), taking advantage of special opportunities to co-operate in joint federal/provincial promotional opportunities.

Substantial improvements and additions were made to MTI's Web site in 1999/2000, serving both potential international investors and Manitoba exporters. This included added presentations, video clips, statistics and links.

A special URL (www.manitoba-canada.com) was registered as the address for the MTI Web homepage to bring an identity to international business activities for Manitoba. MTI has partnered with a number of organizations to develop Web sites that jointly promote regional trade and investment activity. This includes partnership on a Web site with the Canada-Manitoba Trade and Investment Team, development of the www.western-canada.com Web site (with the four Western provinces, Yukon and Northwest Territories) and the Invest in Canada Web site promoting community profiles.

MTI also maintained existing communications programs in 1999/00, such as the Manitoba Trade Fax newsletter which provides a regular announcement of upcoming international trade events to 700 Manitoba companies. This newsletter is distributed by fax and by regular insertion in the Manitoba Chamber of Commerce newsletter (*Focus*) and the Winnipeg Chamber of Commerce *HUB* magazine.

Market Intelligence and Information Services

Statistics show that prospective investors and site location consultants have greatly increased their use of the Internet as a first point of contact when researching locations. Substantial improvements and additions were made to MTI's newly named and redesigned Internet site (www.manitoba-canada.com). The site serves both potential international investors and Manitoba exporters.

AROUND THE WORLD WITH MANITOBA TRADE IN 1999/2000

AMERICAS

United States - 1999 was another strong year for Manitoba exports to the U.S. The U.S. continues to be Manitoba's most important export market, accounting for 81.6 % of our total foreign exports. Total U.S. exports in 1999 were $6.48 billion, up almost 7% from 1998 and 64% from 1995 to 1999. Manitoba's Balance of Trade deficit with the U.S. declined from $1.4 billion in 1998 to $645 million in 1999, an improvement of 53%. Manitoba's export growth in the U.S. reflected not only the increase in the number of new exporters but also the market diversification efforts of companies currently active in this market. Traditionally, Manitoba companies focus on the northern and Midwestern U.S. states. For 1999, our strongest growth occurred in the eastern and southern states, with growth of 32% and 25%, respectively. Non-agricultural products/services represent in excess of 85% of our U.S. exports.

In 1999/00, MTI organized and managed five group trade shows in the U.S., with participation by 30 Manitoba companies. These companies reported a total of $4.5 million in actual/projected sales as a result of participating in these targeted trade shows. The trade shows focused on the priority sectors of food and beverage processing, building products and original equipment manufacturing and sub-components/agricultural equipment.

In support of new exporter development, during 1999/00, MTI participated in organizing two mentor seminars which highlighted Manitoba business people who have achieved success in the U.S. market. These seminars attracted 60 participants who were potential new exporters. In addition, during 1999/00 an intensive new exporter training session was also conducted. This training session targeted 12 potential new exporters and focused on the necessary steps to become a qualified exporter. Initiatives such as these are consistent with MTI's objective of identifying 300 new exporters by the year 2001.

MTI continued to participate in the development and promotion of Manitoba as an integral component of the Mid-continent Trade Corridor. Through representation on the Manitoba/Winnipeg Corridor Partners committee and participation in a number of focused trade-related studies, MTI continues a proactive approach to enhancing Manitoba's competitive position.

Mexico - In 1999, Mexico was Manitoba's fourth-largest export market with exports totalling $103.8 million. Compared with pre-NAFTA exports of $51.8 million (1993), our 1999 exports to Mexico represent a growth rate of 100%.

Manitoba continued to receive a number of buyer missions from Mexico. As a follow-up to the Manitoba Week in Jalisco event held in Mexico from November 1-5, 1998, Manitoba hosted a business and cultural incoming mission from the State of Jalisco during the week of June 18-23, 1999. The mission was led by Governor Cárdenas and included members of the Jalisco government, representatives of the Jalisco business and agricultural communities and a strong cultural component. The delegation participated in a number of focused meetings, industrial/agricultural tours and cultural awareness events. During the Jalisco Week in Manitoba, five agreements were signed between Manitoba and Jalisco. The Guadalajara Rotary Club and the Winnipeg Rotary Club also signed a co-operation agreement. The agreements are intended to encourage co-operation and an exchange of ideas in the key areas of trade development, education, healthcare and increased commercial activity in agriculture and rural diversification.

Manitoba has a foreign representative located in Monterrey, Nuevo Leon, Mexico, who is responsible for Northern Mexico. In 1999/00, MTI appointed a second foreign trade representative in Guadalajara, Jalisco, to promote Manitoba's interests and capabilities and to work directly with Manitoba companies pursuing opportunities in Jalisco. During 1999/00, Manitoba's representatives worked directly with 12 Manitoba companies in addition to providing logistical support to two Manitoba business missions.

In March 2000, the Minister of IT&M led a business mission to Guadalajara to attend the *AFIA-AGRO de las Américas* agribusiness trade show. The Minister also inaugurated a Manitoba product display with promotional material from 26 Manitoba companies and witnessed an agreement to further co-operation between MTI and JALTrade (MTI's counterpart in Jalisco). This agreement will result in the development of a joint marketing strategy for products/services from the two jurisdictions. In addition, opportunities for future joint promotional activities will be reviewed and common sector strengths/opportunities identified.

In 1999/00, MTI partnered with the University of Manitoba and the private sector to provide international business experience for three Manitoba students in Mexico. The University of Manitoba and the private sector developed the project objectives. This internship program targeted opportunities for Manitoba products/services in Mexico.

South America - South America, specifically Brazil, Argentina and Chile, continued to generate interest from Manitoba exporters. Manitoba companies' activities in this region were supported through targeted mission/group show activities and Manitoba's foreign trade representative located in Santiago, Chile.

Manitoba exports to South America in 1999 totalled $85.9 million with exports to the three priority countries reaching $21.1 million. Two-way trade between Manitoba and the three priority countries totalled $44.1 million.

Brazil, with a population in excess of 165 million people and a diversified economy, along with Argentina as cornerstones of the Mercusor trade agreement, continue to provide good opportunities for Manitoba's export capabilities. In addition, Chile, long considered one of the most progressive countries in South America and having signed a free trade agreement with

Canada in July 1997, was targeted for sector-specific activities in the building products and information technology (IT) sectors. In 1999, exports to the three priority South American countries were down from 1998 export level of $28 million. The depressed economy in Brazil and the negative impact that the Brazilian economic crisis had on Argentina was a major influence in the decline. In 1999, the decline in exports was primarily experienced in agricultural commodities while value-added exports increased.

In fiscal 1999/00, MTI co-ordinated three outgoing missions/trade shows in South America, including Expointer in Rio Grande do Sul, Brazil, ExpoChacra in Argentina and an Information Technology mission to Chile in March 2000.

At the Expointer show, three Manitoba companies participated, in addition to Manitoba Trade, displaying products and literature for over 40 Manitoba agribusinesses. One company completed a joint venture with a Brazilian partner to establish a storage facility for cattle embryos (estimated value is $75,000). In addition, two incoming missions will result from this event, including an agribusiness delegation, buyers representing a food distribution company and a multi-sector mission early in the summer of 2000. In March 2000, MTI co-ordinated the Canadian Pavilion at ExpoChacra 2000 in Argentina. Four Manitoba companies displayed products at this trade show resulting in two companies identifying and establishing representatives in Argentina.

MTI co-ordinated a successful Information Technology mission to Santiago, Chile, in March of 2000. Six Manitoba companies traveled to Chile and met with interested Chilean companies. Several of the Manitoba companies have subsequently signed contracts in Chile. A follow-up mission is planned for June 2000.

The Province of Manitoba (co-ordinated by MTI) and Fifth Region of Valparaiso, Chile, have been working on an Economic Co-operation Agreement and it is tentatively scheduled to be signed in the fall of 2000.

Manitoba also received a number of buyer missions from South America, including the Seed Growers Association of Chile along with the Agricultural Attaché for Chile. A delegation consisting of 42 architects and homebuilders from Chile, who are sourcing housing and building products, visited Manitoba in May 2000. We also received several smaller buyers' missions from the State of Rio Grande do Sul, Brazil, Chile, Venezuela, and Mexico.

Manitoba Trade represented the Province and participated in the Fifth America's Business Forum in Toronto in November 1999. This forum preceded the FTAA Trade Ministers Meetings in Toronto. Manitoba was one of three provinces that participated in the trade show highlighting the strengths and capabilities of the province. This further reinforced Manitoba's profile within this important market. More than 1,000 business and government representatives from the Americas were at the event.

Manitoba has a foreign trade representative in Santiago, Chile, responsible for Chile and Argentina. Mr. Rene Faraggi visited Manitoba in December 1999 and delivered a seminar on *Opportunities in Chile* to over 40 business people. In addition, three days of one-on-one meetings with Manitoba companies were arranged. In 1999/00, Mr. Faraggi assisted 46 new and active Manitoba companies doing business in Chile. In addition, he co-ordinated two Manitoba business missions to Chile and organized/represented Manitoba's building products sector in the Edifica Builders Show in Santiago, Chile. In March 2000, Manitoba's foreign trade agents visited Manitoba and spoke to 150 companies. During that visit, Mr.Faraggi met with 21 Manitoba companies interested in working in Chile.

Over the past two years, Manitoba has received over 200 students from South America and Mexico. Many of these incoming students have resulted from contacts and missions co-ordinated by Manitoba Trade.

Central America and the Caribbean - MTI continues to monitor this region to identify niche market opportunities for Manitoba companies.

ASIA-PACIFIC, EUROPE, AFRICA & MIDDLE EAST

Asia-Pacific Region

The Asia-Pacific region represents a significant export market for Manitoba. Manitoba exports to the region in 1999 were $804 million. Japan and China continued to be Manitoba's most significant export markets within the region.

In November 1999, MTI co-hosted two seminars with representatives from the Canadian Consulate in Hong Kong and the Taipei Economic and Trade office outlining market opportunities. The events were well attended by over 75 people.

Japan - Japan continued to be Manitoba's second-largest market, after the United States, in 1999 with exports totalling $378.6 million, a decrease of 6% from 1998 levels. Agricultural products made up a large portion of these exports. However, as a direct result of MTI's commitment to the building products industry, Manitoba building products companies have established their presence in the Japanese market and constitute a significant portion of Manitoba's exports. These companies continue to ship prefabricated housing, building products and furniture to Japan.

In May 1999, Manitoba participated in the Total Construction Materials and Equipment Fair in Osaka, highlighting our building construction methods and products to the second-largest market in Japan.

In September 1999, Manitoba led a four-company delegation on the Team Canada mission to Japan, visiting both Osaka and Tokyo.

In February 2000, Manitoba participated in the CanAsia Housing 2000 Buyers Forum in Vancouver, BC. The Forum was attended primarily by Japanese buyers and house builders.

In March 2000, Manitoba co-hosted, with The Department of Foreign Affairs and International Trade, a seminar in Winnipeg highlighting the Japanese market and ways of entering this market.

China - China was Manitoba's third-largest export market in 1999. Exports to China (including Hong Kong) were $219 million in 1999.

Manitoba's foreign trade representative in Hong Kong continues to work in China on a regular basis to follow up on project initiatives. MTI is concentrating its promotional efforts in Henan, Liaoning and Shangdong Provinces. Manitoba continues to provide liaison with businesses and government officials in Henan in conjunction with Manitoba's economic co-operation agreement with this province signed in 1994. Key sectors include grain handling and storage, agribusiness, energy and power, education services, engineering consulting, building products, animal genetics and environmental industries.

In April 1999, Manitoba Trade participated in the Canadian pavilion at the Agro-Foodtech China agricultural trade show. Seven companies involved in swine genetics, hog equipment and grain storage were represented at the show. Manitoba companies are continuing to pursue the ongoing World Bank Grain Handling and Storage project in Northeast China.

A key event in 1999 was the visit to Manitoba by Party Secretary Ma Zhongchen from Henan Province, China. Secretary Ma signed two agreements, including one outlining co-operation in education. His visit has also led to a potential grain storage project in Henan, a cultural exchange with the Manitoba Museum of Man and Nature and discussions in the areas of animal genetics and alternative fuel systems. The education agreement led to a mission to China in November 1999 with Manitoba educational institutions seeking to attract Chinese students.

A visit from Henan's Governor Mr. Li Ke Qiang is anticipated for September 2000. Also in November 2000, a Team Canada Mission led by Prime Minister Chretien and provincial premiers will be visiting Beijing, Shanghai and Hong Kong.

Europe

Manitoba exports to the European Union in 1999 were $303.2 million.

European investment in Manitoba represents some of the province's largest manufacturing companies, i.e., New Flyer Industries, Standard Aero, Pauwels International, Winpak, Midwest Foods and Pizza Pops.

Manitoba has over 350 companies exporting both products and services to Europe. Many of the companies have agents representing them while others have sales offices. Strategic alliances have been on the rise with more Manitoba firms partnering with European companies.

MTI continues to support Manitoba companies as they look to Europe for increased exports, new technologies and investment. During 1999/00, four trade shows were attended -- Inter-Jeans, the men's apparel trade fair in Cologne, Germany; Biotechnica '99 in Hanover, Germany; and two European Commission sponsored partnering events for small and medium-sized companies in Austria and Germany – 32 Austrian companies were approached regarding possible matches with Manitoba parties and 16 companies were approached in Germany. Subsequent site visits have been made to nine of the Austrian companies. Site visits were also conducted to eight Dutch companies following up on the partnering conference of 1998.

During 1999/00, MTI assisted 33 Manitoba companies in identifying trade opportunities in Europe. Seven companies subsequently called on 15 European firms following itineraries arranged by MTI staff. All seven companies were successful in reaching partnership agreements or in selling their product sin Europe. Two companies from the Netherlands visited Manitoba on call programs arranged by MTI.

It was a particularly active year for incoming government representatives from Europe. A major British High Commission initiative occurred during June 1999. Iceland named its Consul General to Canada, locating the Consul General in Winnipeg. Representatives also visited from Belgium, The Netherlands, Austria, Czech Republic, Poland and Italy.

In the coming year, MTI will continue to focus its efforts in the United Kingdom, Germany, The Netherlands, Austria and Italy, facilitating trade and investment initiatives in agri-foods, agribusiness, building products, consumer products, and business immigration.

Middle East & Africa

Manitoba exports to the Middle East/Africa region in 1999 were $152 million, an increase of 18% from 1998. Principal exports to the region are wheat and other grains although there is growing activity in agribusiness, agri-food, building products and educational services. Primary target markets in the region are Egypt, Iran, Saudi Arabia, United Arab Emirates, Israel and Turkey.

MTI also received five incoming missions -- three from Iran and two from Egypt. An Iranian procurement mission resulted in the sale of Manitoba products. Manitoba firms are currently negotiating several deals relating to the sale of agricultural equipment, training and management

services, e.g., marketing/distribution and consulting engineering (setting up an oil processing plant). In addition, these incoming missions resulted in the establishment of joint partnership agreements between Manitoba and Iran companies for the marketing and distribution of equipment and services. A total of 70 business people visited Manitoba as part of these delegations.

In 1999/00, MTI assisted 25 Manitoba companies in identifying trade opportunities in the Middle East region.

MTI hosted an Iranian business delegation in June 1999, to explore opportunities in agricultural machinery, packaging and engineering consulting.

As a result of a ministerial mission, a contract was signed with a Manitoba engineering consulting company for the design, construction, management and training for an edible oil processing facility in Egypt (estimated value of the project is $20 million).

In May 1999, MTI led a business mission that included an international trade show in Tehran, Iran, and a meeting program in Dubai, United Arab Emirates. Two of the mission participants are doing follow-up negotiations and seeking new opportunities in this market.

10-2(c) Manitoba Trade

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,223.4	19.00	1,245.2	(21.8)	
Total Other Expenditures	2,067.4		2,130.3	(62.9)	
Total Grants/Transfer Payments	228.2		250.0	(21.8)	
Less: Recoverable from Rural and Urban Economic Development Initiatives	(1,000.0)		(1,000.0)	0.0	
Total Expenditures	**2,519.0**	**19.00**	**2,625.5**	**(106.5)**	

access
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manitoba

LINKING YOU
WITH PEOPLE
& TECHNOLOGY

TELECOMMUNICATIONS MARKETING

OBJECTIVES

Recently, the Manitoba Call Centre Team received approval to re-brand its name and identity to reflect the changing technology marketplace owing to the impact of e-commerce and advanced web based technologies. The objective of the Telecommunications Marketing Initiative is the creation of quality telecommunication employment opportunities in Manitoba. This is accomplished by:

- Encouraging the creation of new customer contact centres and/or the expansion of existing centres;
- Continuing efforts to ensure that an appropriate physical infrastructure and regulatory environment exists to support the sector and that employee education programs are designed to meet the requirements of the Manitoba customer contact centre industry; and,
- Enhancing community awareness throughout the province of the customer contact industry and its significance as a major employer for Manitobans.

ACTIVITIES/RESULTS

Since its inception on February 1, 1995, this initiative has been very successful in establishing itself as a leader in the North American marketplace. Customer contact centre jobs in Manitoba continue to grow with approximately 9000 jobs being provided by Manitoba's customer contact centre employers. Much of this recent growth can be attributed to the impact of e-commerce and e-business as well as the fulfilment of commitments by existing customer contact centres.

Highlights of the 1999/00 fiscal year include announcements by companies such as:

Gage Marketing II - the U.S. based marketing company, began operation of its first Canadian customer contact centre, located in downtown Winnipeg, in November 1997. In December of 1999, Gage officially opened a second centre in Selkirk, Manitoba. Gage has committed to the creation of 226 new jobs, opening up new career opportunities in the communications technology field for the Selkirk area. Approximately $1.4 million in capital costs will be invested over the first three years of their operation. The Government of Manitoba has provided a $450,000 forgivable loan to the project under the Manitoba Industrial Opportunities Program (MIOP).

The Manitoba Call Centre Team continues to be instrumental in fostering the creation of *the Manitoba Call Centre Association (MCCA).* Formally launched in 1997, the MCCA's mission is "to continue development of a qualified, sustainable pool of human resources to meet the demands of a growing call centre industry in Manitoba". In the fall of 1999 the MCCA reached a watershed in its' operation with the successful MECCA Awards, attended by over 600 people. The awards, sponsored by the private sector, recognized excellence in 20 categories, including individual, organizational and community achievement.

Today this non-profit industry driven association is led by an eight member Board of Directors and consists of 40 call centre members and 40 associate members. It is the strongest, most highly organized such organization in Canada, specifically designed to support the customer contact centre industry.

10-2(d) Telecommunications Marketing

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	217.4	5.00	328.5	(111.1)	1
Total Other Expenditures	326.5		460.0	(133.5)	2
Less: Recoverable from Rural Economic Development Initiative	(135.5)		(198.2)	62.7	
Total Expenditures	**408.4**	**5.00**	**590.3**	**(181.9)**	

Explanation Number:

1. *The variance is due to vacant positions.*
2. *The variance in operating expenditures is due to staff vacancies.*

THE INDUSTRIAL TECHNOLOGY CENTRE

The Industrial Technology Centre (ITC) is a special operating agency of the Department of Industry, Trade and Mines. The Department supports ITC's contribution to economic development activities in Manitoba via an Economic Development Contribution Agreement (a performance contract). ITC provides a wide range of technical services in support of technology based economic development in Manitoba. ITC tables its annual report under separate cover with the Manitoba Legislature.

10-2(e) Industrial Technology Centre

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Industrial Technology Centre	851.3		851.3	0.0	
Total Expenditures	**851.3**		**851.3**	**0.0**	

HEALTH RESEARCH INFRASTRUCTURE INITIATIVE

OBJECTIVES

The Health Research Infrastructure Initiative (HRII) is an Industry, Trade and Mines managed program directed at increasing research and development (R&D) activities in Manitoba. The attraction of additional health research funding to the province facilitates sustained economic growth and the creation of high quality jobs. The program provides funding to assist Manitoba health research centres in meeting a portion of their operational expenses related to health research activities.

HRII is an incentive based initiative with the distribution of funds tied to the amount of research revenue each research centre attracts from granting agencies outside the province and from private industry. Since the attraction of increased research funding to Manitoba qualifies for additional support from the program, this initiative encourages each research centre to take a more entrepreneurial approach to their operations. Research centres participating in the program must be able to demonstrate that they are in an operational deficit position, on an annual basis, and that new research awards will contribute to an increase in that deficit. The program is not an income generating initiative for any participating research centre. If a research centre has secured funds through this or any other program that ensures the elimination of an annual operating deficit, it is ineligible for further support during that fiscal year in which the funds are received.

ACTIVITIES/RESULTS

HRII funding totaling $2.0 million was approved in 1998/99 to allow for program support to five Manitoba Health Research Centers -- CancerCare Manitoba, Children's Hospital Foundation, Health Sciences Centre Research Department, St. Boniface General Hospital Research Centre, and the University of Manitoba. Program funds were apportioned to each centre according to a roll out mechanism that was consistent with the funding schedule and program conditions used during a two-year pilot study at the St. Boniface General Hospital Research Centre. The $2.0 million in program support leveraged a $5.6 million increase in total extra-provincial health research funding to the province.

New initiative funding of $1.0 million in 1999/00 brought the total for the program to $3.0 million. Economic outcomes, similar to those experienced in the initial roll out year for the program, are expected for each of the health research centres eligible for HRII support in 2000/01.

Total extra-provincial health research funding among the five HRII participants was $44.2 million in 1999. This R&D investment resulted in the employment of over 1,500 Manitoba health researchers, including scientists, graduate students and technologists. It is expected that HRII support will facilitate growth in extra-provincial funding to the five centres participating in the program to between $50 and $55 million by the year 2001, resulting in the creation of up to 350 high quality jobs.

10-2(f) Health Research Infrastructure Initiative

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Health Research Infrastructure Initiative	3,000.0		3,000.0	0.0	
Total Expenditures	**3,000.0**		**3,000.0**	**0.0**	

MANITOBA CENTRES OF EXCELLENCE

OBJECTIVES

The objectives of the Manitoba Centres of Excellence Fund (MCEF) are to attract and maintain world-class R&D activity in Manitoba and to generate related economic spin-off benefits for local companies and non-profit institutions. Grant support, equal to 20% of the support provided by the Federal government under the Networks of Centres of Excellence (NCE) initiative, is provided to research projects at the University of Manitoba. Research projects have included work in the areas of bacterial diseases, genetic diseases, health information, respiratory illnesses, neurosciences, telecommunications, advanced materials and sensors, robots and intelligent systems, and advanced microelectronics. The national headquarters for the Intelligent Sensing for Innovative Structures (ISIS) network that conducts R&D on advanced composite materials and electronic sensors for construction engineering projects such as bridges and earthquake resistant buildings is located at the University of Manitoba. New projects are to be undertaken in sustainable forest management, the mathematics of information technology and complex systems, and arthritis. Projects are closely matched to provincial economic development priorities in the areas of healthcare, information technology, aerospace and advanced manufacturing, and are components of much larger national networks comprised of various technically interrelated projects that include participation by university, private sector and government research centres.

ACTIVITIES/RESULTS

During 1999/00 MCEF support was provided to the following projects and leveraged federal support at the 5:1 ratio:

- Canadian Genetic Disease Network
- Micronet
- Canadian Bacterial Diseases Network
- Institute for Robotics and Intelligent Systems
- Canadian Institute for Telecommunications Research
- ISIS Canada
- HEALNet
- Sustainable Forestry Management
- Indirect overhead costs

The ISIS Canada undertook major projects in co-operation with industry, including the Headingley Bridge prototype advanced bridge project and Taylor Bridge project, with participation by Faroex Ltd., Wardrop Engineering, Dillon Consulting Ltd. and other Manitoba firms. A number of other technology commercialization and transfer projects are also underway by other MCEF supported networks.

10-2(g) Manitoba Centres of Excellence

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Manitoba Centres of Excellence	365.0		450.0	(85.0)	1
Total Expenditures	**365.0**		**450.0**	**(85.0)**	

Explanation Number:

1. *The variance is due to the University of Manitoba revising its funding request.*

TOURISM MARKETING AND PROMOTIONS

The position in Tourism Marketing and Promotions was part of the department of Industry, Trade and Tourism. This position was transferred to the Industry Development and Trade Division of the department when Industry and Trade was amalgamated with Mines.

10-3(b) Tourism Marketing and Promotions

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	0.0	1.00	81.4	(81.4)	1
Total Expenditures	**0.0**	**1.00**	**81.4**	**(81.4)**	

Explanation Number:

1. *The variance is due to a vacant position.*

SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT

Small business is recognized as the engine that drives the Canadian economy. The Branch's target client groups are the 34,000 small businesses in Manitoba that makes up over 90% of all businesses in Manitoba, the self-employed entrepreneurs numbering 90,000 and growing, and new business ventures. The Branch also provides key services to approximately 380 Manitoba co-operatives (with over 300,000 members) including assistance in incorporation of new co-operatives and counselling for existing co-operatives. Branch clients represent businesses from retail, wholesale and manufacturing to services and technology.

OBJECTIVES

The objective of the Small Business and Entrepreneurial Development Branch is to provide the necessary tools for successful business development. The Branch has two primary roles. The first is to develop, co-ordinate and deliver services and programs for the enhancement and growth of Manitoba's entrepreneurial and small business community. The second role of the Branch is to assist groups and communities to develop viable co-operative enterprises to meet a broad range of economic and social needs of Manitobans. The Branch has recognized the multi-cultural nature of Manitoba's entrepreneurial community and has customized its programs to address the specific needs of these business people. Services in business management, business planning and access to capital are tailored to meet the needs of new entrepreneurs including women, Aboriginals, new immigrants, youth and professionals.

ACTIVITIES/RESULTS

The activities of the Branch are generic in scope with the intent of reaching a broad spectrum of individuals and business types. The major thrusts of the Branch are to assist small business start-ups and growth of existing businesses through the provision of management training, information services, counselling and financial assistance. Branch programs are developed in partnership with business associations, other government departments (federal and provincial), educational institutions and the public.

The Small Business and Entrepreneurial Development Branch delivers extensive business information, business and trade library services through the Canada/Manitoba Business Service Centre and a variety of programs and services including Co-operative Development Services, Mobile Business Service Centre, Business Start, Business Counselling and Workshop Series. Business information, counselling services, business and trade library services are also delivered through the Western Region Office in Brandon.

Canada/Manitoba Business Service Centre - Effective April 1, 1998, the Small Business and Entrepreneurial Development Branch integrated services and co-located its programs with the Canada Business Service Centre into a single, highly visible, efficient operation to support Manitoba business development and entrepreneurship. The new business service centre which is known as the Canada/Manitoba Business Service Centre (C/MBSC) represents a single point of contact for current and accurate business information, extensive business and trade library services, market research and improving management effectiveness through business counselling and education programs.

In 1999/00, the C/MBSC responded to approximately 67,300 business and trade-related inquiries including more than 6,900 interactions with the business counsellors of the Small Business and Enterpreneurial Development Branch. The number of Internet requests for information from the C/MBSC website were approximately 238,000.

C/MBSC Satellite offices - Through the Partnership Agreement with Western Economic Diversification, there exists 18 satellite C/MBSC offices throughout Manitoba which will make business information and resources more accessible to all entrepreneurs throughout all regions of Manitoba.

Entrepreneurial Development and Training Seminars were provided in partnership with other agencies to more than 2,800 participants. These seminars included starting a home-based business, management development, "How To Start A Small Business" workshops, youth entrepreneurship workshops as well as a variety of other topics. Two senior student workshops were also held in 1999/00 and more than 150 students from high schools in and around Winnipeg participated. The Manitoba Marketing Network delivered three workshops to 67 participants and counselled 59 small businesses.

The Aboriginal Business Development Program, introduced in 1995/96, provides business counselling for aboriginal women's economic initiatives, northern communities, and economic development officers with the Manitoba Metis Federation. Ota-Miska, a resource manual outlining services available to Aboriginal people in Manitoba, was updated, published and circulated to all agencies and organizations working with Aboriginal people.

Under the ***Business Start Program***, 40 loan guarantees totaling $358,952 were approved in 1999/00. During the year, 319 participants attended the 21, three-day Business Planning Workshops conducted under the Business Start Program.

The Mobile Business Service Centre, introduced in December 1994, visited 27 communities in conjunction with business seminars/fairs and handled more than 1,100 inquiries/referrals.

Co-operative Development Services assisted with the development or expansion of 27 co-operatives and businesses during 1999/00 requiring a total proposed investment of approximately $8,400,000 and potentially creating 230 jobs. Organizational and business consulting services are provided to the Manitoba's co-operative industry sector through Co-operative Development Services. Currently, there are 381 co-operatives registered in Manitoba. In 1999/00, Co-operative Development staff handled more than 2,100 inquiries and provided counselling assistance for 14 new co-operative incorporations.

Publications developed by the Branch continue to be a valuable resource to the business community and support the Branch's training programs. The Branch and the C/MBSC produce over 50 publications on a variety of subjects including business information, small business management systems, entrepreneurial handbooks and self-evaluation guides. Publications are distributed through the Branch, the Canada/Manitoba Business Service Centre and its satellite offices, and through the Mobile Business Service Centre, Western Region Office in Brandon, and 34 business development outlets throughout Manitoba.

Small Business Counselling Services were provided to over 6,900 clients in 1999/00. Business Counsellors provided one-on-one business counselling to entrepreneurs and businesses in a number of sectors including retail, service and manufacturing. The Business Counsellors also conducted six workshops pertaining to starting a small business.

Other Activities - Branch staff partnered with other departments and agencies in the successful delivery of Small Business Week, Co-operative Development Week, Rural Forum '99 and Aboriginal Single Window Initiative. The Branch supported and participated in a number of other projects including Canadian Women Entrepreneur of the Year Awards, Manitoba Women Entrepreneur of the Year Awards, Canadian Centre for Disability Studies, Entrepreneurs with Disabilities, Winnipeg Chamber of Commerce Small Business Connection Series, Junior Achievement Aboriginal Youth, Senior Student Business Workshops and Cultural Industries Training.

10-3(e) Small Business and Entrepreneurial Development

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,062.9	20.00	1,128.2	(65.3)	
Total Other Expenditures	662.0		791.9	(129.9)	1
Total Grants/Transfer Payments	30.0		30.0	0.0	
Total Expenditures	**1,754.9**	**20.00**	**1,950.1**	**(195.2)**	

Explanation Number:

1. *Lower than budgeted Business Start Program costs were partially offset by higher than budgeted operational expenditures.*

ECONOMIC DEVELOPMENT

ECONOMIC DEVELOPMENT BOARD SECRETARIAT / COMMUNITY AND ECONOMIC DEVELOPMENT COMMITTEE

OBJECTIVES

The Economic Development Board Secretariat ceased operation in March 2000 at which time the Community and Economic Development Committee (CEDC) was formed.

The Secretariat provides analytical expertise and administrative support to the Community and Economic Development Committee of Cabinet (CEDC). CEDC co-ordinates all major government initiatives relating to community and economic development in the province.

CEDC is chaired by the Premier and includes the membership of six senior cabinet ministers. The Secretariat assists the Committee in the development and implementation of policy consistent with the community and economic development priorities of Government. In co-operation with departments, community and business leaders, the Secretariat provides CEDC with the necessary supports and analysis to ensure responsible economic growth and sustainability for the Province of Manitoba.

ACTIVITIES/RESULTS

The secretariat has only been operational for a short period of time. Some of the specific results achieved through the involvement of the Secretariat were:

- **Schneider's Meats**
  The company announced its plans to expand its Winnipeg plan with an investment of $125 million creating 1,100 new full-time jobs.
- **Winnipeg Blue Bombers**
  The team was in a serious situation with respect to its financial and operational position. The team underwent a financial and operational restructuring coupled with a major season ticket and fund campaign.

10-4(a) Community and Economic Development Committee

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	539.6	9.00	568.1	(28.5)	
Total Other Expenditures	283.2		377.3	(94.1)	1
Total Expenditures	**822.8**	**9.00**	**945.4**	**(122.6)**	

Explanation Number:

1. Operating expenditures were less budget, due to staff vacancies.

GRANT ASSISTANCE
-ECONOMIC INNOVATION AND TECHNOLOGY COUNCIL
-ECONOMIC INNOVATION AND TECHNOLOGY FUND

Since 1992, the Economic Innovation and Technology Council (EITC) has been the Province's advisory council on economic development and innovation. Established by the *Economic Innovation and Technology Council Act*, EITC serves as an interface between government and stakeholders from business, industry, institutions and academia and acts as a catalyst for partnerships and alliances for increased economic development through innovation. Analytical research, reporting and administrative support for the Council and its activities are provided by a secretariat.

The *Economic Innovation and Technology Council Act* also created an Economic Innovation and Technology Fund whereby EITC may provide grants, loans, loan guarantees, and incentives to proposals that meet its goals and objectives. The Province set aside $10 million from the proceeds of the sale of Manitoba Data Services for the Fund.

OBJECTIVES

EITC's mission is "***to promote and enhance a climate of entrepreneurship, innovation and technological development that spurs responsible economic development for the benefit of all Manitobans.***"

EITC's five goals, essential to the fulfilment of its mission and mandate, are set out in the *Framework for Action* document. They are:

1. To get stakeholders to work together;
2. To facilitate the development and commercialization of technology;
3. To position Manitoba as a world-class environment for economic innovation;
4. To create an entrepreneurial climate; and
5. To encourage innovation in education and training.

ACTIVITIES/RESULTS

The following are examples of activities undertaken by EITC in 1999/00.

Community Economic Development Meeting - Several years ago, The Conference Board of Canada formed the Community Economic Development (CED) Forum Committee to bring together corporate, government and not-for-profit organizations to discuss and share information in this area.

On Friday, October 15, 1999, the Community Economic Development Forum Committee and invited guests met in Winnipeg to discuss their experiences in job and wealth creation through community economic development initiatives

Invest Manitoba - In 1999/2000 Invest Manitoba continued its ongoing educational events, the *Art of Raising Capital Seminar Series* providing businesses with a foundation to build relationships with investors. Seminar topics included: Investing in Intellectual Property Opportunities, Venture Capital: The Right Option, Manitoba's venture capital firms, Succession Planning and Investing in the New Economy. In addition, Invest Manitoba held the *Invest Manitoba Venture Showcase* that brings entrepreneurs together with financial institutions, venture capital, and angel investors. In 1999, 20 companies made presentations to and networked with over 400 potential investors.

Invest Manitoba once again partnered with Nesbitt Burns to co-sponsor the Manitoba Investment Forum. Attended by over 2000 people, 40 publicly traded companies participated by giving presentations at the forum.

Post-Secondary Education Forum - On November 3, 1999, a group of 85 invited guests attended a forum on the future of post-secondary education in Manitoba. The purpose of the forum is to bring together stakeholders to develop a vision for Manitoba's post-secondary institutions based on the theme "Preparing Manitobans to take advantage of the Knowledge-Based Economy." The forum was hosted by EITC and the Manitoba Innovation Network (MIN). The results of the forum indicated that *multilateral collaboration*, *accessibility* and *flexibility* are key characteristics of a post-secondary education system. Three ad hoc committees have provided additional input and developed action plans on these issues.

Senior Officials on Innovation - Senior officials of the federal, provincial and territorial governments are meeting regularly to develop a strong innovation vision for western Canada based on a paradigm of co-operation. The first meeting was in January 1999 and the following vision statements were developed and priorities for co-operation were identified. Vision for innovation - *Western Canada is a place where citizens and business thrive through the use of innovation to create wealth.*

To build on the existing base of co-operation, the following strategic thrusts have been agreed upon:

- To enhance the competence and retention of the skilled workforce;
- To improve access to patient capital and improve the business climate;
- To accelerate the adoption of advanced manufacturing and production technologies; and,
- To collaborate in developing and exploiting the innovation infrastructure and to enhance the degree of alignment of innovation priorities.

Smart Communities - is a program created and administered by Industry Canada to help Canada become a world leader in the development and use of information and communication technologies for economic, social and cultural development. Three communities (Brandon, Winkler and Winnipeg) and one Aboriginal community (Island Lakes First Nations) in Manitoba were short-listed as possible demonstration projects. EITC provided support to the projects in development of their business plans and also facilitated discussions between the short-listed projects and Province of Manitoba.

The Manitoba Smart Network (MSN) from Brandon was selected as Manitoba's demonstration project. MSN is a partnership among health, education, business and the communities of Western Manitoba. MSN will acquire broadband capacity from Westman Communications Group to improve upon the region's current infrastructure. A fiber optic network will connect the communities of Brandon, Minnedosa, Neepawa, Carberry and Souris.

Economic Innovation and Technology Fund

Proposals receiving funding in 1999/00 were:

Broadband Network Project Office - In 1999, Council approved funding to the Manitoba Innovation Network (MIN) for the establishment of a Broadband Project Office for $375 thousand over a three-year period. The Office's mandate is to promote and guide broadband research and development within Manitoba.

The objectives of the Office are to:

- Disseminate and promote broadband opportunities to Manitoba's business, research and education communities;
- Assist with and broker the development of innovative broadband applications;
- Facilitate the deployment, access and utilization of MRnet and CA*net3; and,
- Invite applications to existing funding mechanisms, and assist in the development of new assistance programs, related to broadband application research, development andtesting on high performance networks.

Manitoba Century Summit - The Manitoba Century Summit was held March 14 and 15, 2000 to bring together leaders from Manitoba business, labour, community and government together to discuss strategies to expand economic opportunities and future prosperity in the province.

Manitoba Information Technology Industries - The Manitoba Information Technology Industries Committee (formerly the Information Technology Sectoral Committee) was formed in September 1998 with the purpose of:

- Identifying the human resource needs for the sector;
- Developing a multi-year human resource needs plan;
- Identifying training needs for IT employees, existing and prospective;
- Attracting and retaining qualified IT professionals; and,
- Facilitating positive educational changes.

Funding was approved by EITC to create and develop an *Information Technology (IT) Career Awareness and Planning Campaign.* The purpose of the initiative is to provide materials to students and parents on the careers and opportunities available in IT. The campaign was kicked-off at the Rotary Career Symposium on April 4, 2000. EITC provided $50,000 for the project.

Science and Technology (S&T) Awareness - EITC established the Manitoba Network for Science & Technology (MindSet) to encourage and promote: (1) Scientific and technological awareness, knowledge, ability and skills; (2) Improved school-to-work transition in science and technology areas, and; (3) Innovation in science and technology. Funding for MindSet was $180,000, and including support for a co-ordinator, communication initiatives, S&T open houses, increased focus on year-round activities and various community awareness activities. Specific activities included: Connaught Student Biotechnology Exhibition; Innovators in the Schools; MentorNet; Rural Science and Technology Network; Advanced Technology Curriculum Activities; Summer Institutes;Rosie the Riveter; Red Rover Goes to Mars; MindSet Web-Site;Science and Technology of Entertainment - New Media Master Classes -Westsun Institute; Virtual Reality of Entertainment; and, Manitoba Science and Technology Achievement Event.

Digitized Student Technology Conference
Partnership Projects

SMARTpark - Since the fall of 1996, the University of Manitoba has been working to develop a research park – also known as the SMARTpark - on 110 acres of land at its Fort Garry campus. The SMARTpark will focus on knowledge-based industries such as advanced materials and manufacturing technologies, information technology and telecommunications, pharmaceutical and agricultural biotechnologies, and resource-based value-added products and processing. The SMARTpark will be instrumental in positioning Manitoba within the knowledge-based economy.

The development of the Park will be staged in two phases. Phase I will see the development of 50 acres and Phase II will see the development of 58 acres. Phase I infrastructure and operation costs will be $5.6 million. These costs represent what is needed to service the site (i.e. roads, drainage, water and sewage systems, and utilities) and the 18-month operating costs (i.e. common area maintenance, salaries and benefits for SMARTpark staff, marketing and property taxes). EITC approved $2.8 million in funding for SMARTpark.

10-4 (b) Economic Innovation and Technology Council

10-4 (c) Economic Innovation and Technology Fund

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Grant – Economic Innovation and Technology Council	1,023.9		1,023.9	0.0	
Grant – Economic Innovation and Technology Fund	2,968.1		1,500.0	1,468.1	1
Total Expenditures	**3,992.0**		**2,523.9**	**1,468.1**	

Explanation Number:

1. *The over-expenditure is related to the SMARTpark project which was not included in the 1999/2000 budget. This over expenditure was partially offset by under expenditures in the program area of the Economic Innovation and Technology Fund.*

AMORTIZATION OF CAPITAL ASSETS

Commencing in 1999/00, it is the policy of the Province of Manitoba to record in the accounts of the Province, the tangible capital assets owned and used by the Province along with appropriate amortization costs. The Provincial Comptroller has established standard asset classes, along with capitalization thresholds and corresponding amortization rates. Consistent with this policy, this sub-appropriation records the costs associated with the amortization of the Department's share of the total estimated costs of the Desktop Management Initiative and Enterprise System Management allocated to the Department. In the case of Desktop, based on units acquired by the Department as a percentage of total units acquired by the Province and, in the case of Enterprise System Management, by projected departmental used. A small amount is also included for the amortization of other departmental assets.

10-5(a) Amortization of Capital Assets

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Amortization of Capital Assets	264.9		278.3	(13.4)	
Total Expenditures	**264.9**		**278.3**	**(13.4)**	

Industry Development and Trade

Reconciliation Statement

DETAILS	2000/01 ESTIMATES
1999-00 MAIN ESTIMATES	40,371.6
ALLOCATION OF FUNDS TO:	
- Department of Culture, Heritage and Tourism	(8,322.8)
- Department of Labour	(111.8)
1999-00 ESTIMATE	31,937.0

Industry Development and Trade
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	10-1 Administration and Finance				
27.0	(a) Minister's Salary	27.0	26.1	0.9	
	(b) Executive Support				
396.8	Salaries & Employee Benefits	464.8	377.7	87.1	1
71.3	Other	72.1	84.1	(12.0)	
	(c) Financial & Administrative Services				
683.0	Salaries & Employee Benefits	628.6	614.2	14.4	
290.1	Other	278.8	256.3	22.5	
110.0	Computer Services	96.7	104.9	(8.2)	
	(d) Research & Economic Services				
506.5	Salaries & Employee Benefits	503.5	475.8	27.7	
173.3	Other	171.7	164.9	6.8	
	(e) Manitoba Office in Ottawa				
211.2	Salaries & Employee Benefits	121.3	190.2	(68.9)	2
116.4	Other	76.5	79.3	(2.8)	
	(f) Manitoba Bureau of Statistics				
664.3	Salaries & Employee Benefits	641.5	571.6	69.9	
256.0	Other	246.8	225.0	21.8	
(60.0)	Less: Recoveries from Other Appropriations	(98.2)	(53.5)	(44.7)	3
164.5	(g) Manitoba Horse Racing Commission	64.5	139.0	(74.5)	4
3,610.4	TOTAL 10-1	3,295.6	3,255.6	40.0	

Industry Development and Trade
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	10-2 Business Services				
	(a) Industry Development – Consulting Services				
2,271.1	Salaries & Employee Benefits	1,860.6	1,905.9	(45.3)	
844.3	Other	763.5	722.4	41.1	
16.9	Other Grants	7.2	5.9	1.3	
	(b) Industry Development – Financial Services				
749.1	Salaries & Employee Benefits	612.0	633.9	(21.9)	
248.9	Other	252.0	230.2	21.8	
	(3) Programs:				
9,714.8	(a) Manitoba Industrial Opportunities Program	41,611.9	12,029.7	29,582.2	5
1,300.0	(b) Vision Capital Program	9,003.0	3,430.0	5,573.0	6
2,000.0	(c) Manitoba Business Development Fund	1,739.2	1,636.2	103.0	
100.0	(d) Small Business Expansion Fund	0.0	35.4	(35.4)	7
240.0	(e) Manitoba Capital Fund	266.9	1,878.7	(1,611.8)	8
(2,354.7)	(f) Less: Interest Recovery	(1,579.6)	(836.4)	(743.2)	9
(100.0)	(g) Less: Recoverable from Rural and Urban Economic Development Initiatives	0.0	(35.4)	35.4	7
	(c) Manitoba Trade				
1,245.2	Salaries & Employee Benefits	1,223.4	1,103.8	119.6	10
2,130.3	Other	2,067.4	2,057.3	10.1	
250.0	Grants	228.2	244.7	(16.5)	
(1,000.0)	Less: Recoverable from Rural and Urban Economic Development Initiatives	(1,000.0)	(1,000.0)	0.0	

Industry Development and Trade
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	10-2 Business Services (Continued)				
	(d) Manitoba Access 204				
328.5	Salaries & Employee Benefits	217.4	263.1	(45.7)	
460.0	Other	326.5	382.7	(56.2)	
(198.2)	Less: Recoverable from Rural Economic Development Initiative	(135.5)	(160.6)	25.1	
851.3	(e) Industrial Technology Centre	851.3	886.8	(35.5)	
3,000.0	(f) Health Research Infrastructure Initiative	3,000.0	2,000.0	1,000.0	11
450.0	(g) Manitoba Centres of Excellence Fund	365.0	397.0	(32.0)	
22,547.5	TOTAL 10-2	61,680.4	27,811.3	33,869.1	

Industry Development and Trade
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	10-3 Tourism and Small Business				
	(b) Tourism Marketing and Promotions				
81.4	Salaries & Employee Benefits	0.0	0.0	0.0	
	(e) Small Business & Entrepreneurial Development				
1,128.2	Salaries & Employee Benefits	1,062.9	1,076.5	(13.6)	
791.9	Other	662.0	777.3	(115.3)	
30.0	Grants	30.0	30.0	0.0	
2,031.5	TOTAL 10-3	1,754.9	1,883.8	(128.9)	
	10-4 Economic Development				
	(a) Economic Development Board Secretariat				
568.1	Salaries & Employee Benefits	539.6	383.8	155.8	
377.3	Other	283.2	324.8	(41.6)	
1,023.9	(b) Grant Assistance - Economic Innovation and Technology Council	1,023.9	1,023.9	0.0	
1,500.0	(c) Grant Assistance - Economic Innovation and Technology Fund	2,968.1	999.2	1,968.9	13
3,469.3	TOTAL 10-4	4,814.8	2,731.7	2,083.1	

Industry Development and Trade
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	10-5 Amortization of Capital Assets				
278.3	(a) Amortization of Capital Assets	264.9	1.1	263.8	14
278.3	TOTAL 10-5	264.9	1.1	263.8	
31,937.0	TOTAL FOR INDUSTRY DEVELOPMENT AND TRADE	71,810.6	35,683.5	36,127.1	

Industry Development and Trade Expenditure Summary Explanations

Explanation Number:

1. *Salary costs were higher in 1999/00, due to vacation/severance pay-outs and the over-filling of positions.*

2. *A position was vacant for most of 1999/00.*

3. *Recoveries from other Government Departments were higher in 1999/00, due to the Bureau of Statistics concentration on larger projects.*

4. *Funding for the Horse Racing Commission was lower in 1999/00. The 1998/99 operating surplus was applied to the 1999/00 fiscal year.*

5. *The allowance for loan losses is higher in 1999/00. This over-expenditure is partially offset by lower forgivable loan expenditures.*

6. *The allowance for loan losses is higher in 1999/00.*

7. *The final expenditures associated with the program occurred in 1998/99. The program officially ended in 1999 and there is no comparable expenditure in 1999/00.*

8. *The allowance for loan losses is lower in 1999/00.*

9. *Interest recoveries were higher in 1999/00 due to a larger loan portfolio and higher interest rates.*

10. *Salary costs were higher in 1999/00 due to position reclassifications and fewer vacant positions.*

11. *The variance reflects a 1999/00 budget increase for the Manitoba Heath Research Initiative.*

12. *Salary costs were higher in 1999/00, due to vacation/severance pay-outs and contract personnel.*

13. *The over-expenditure is related to the SMARTpark project. There was no comparable expenditure in 1998/99.*

14. *The variance is due to amortization on S.A.P. and Enterprise Service Management. There was no comparable expenditure in 1998/99.*

Industry Development and Trade
Revenue Summary by Source
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Actual 1998/99 $	Actual 1999/00 $	Increase (Decrease) $	Source	Actual 1999/00 $	Estimate 1999/00 $	Variance $	Explanation Number
			Current Operating Programs:				
			Other Revenue				
999.2	2,968.1	1,968.9	(a) Economic Innovation and Technology Fund	2,968.1	1,500.0	1,468.1	1
852.3	68.3	(784.0)	(b) Sundry	68.3	52.0	16.3	2
1,851.5	3,036.4	1,184.9	Sub-Total	3,036.4	1,552.0	1,484.4	
1,851.5	3,036.4	1,184.9	TOTAL REVENUE	3,036.4	1,522.0	1,484.4	

Industry Development and Trade
Revenue Summary Explanations

Explanation Number:

1. *This revenue source relates to the recovery, from the Fiscal Stabilization Fund, of funds disbursed from the Economic Innovation and Technology Fund*

1,968.9 *Increase Actual vs Actual*
In 1998/99, the Fund disbursed $999.2; in 1999/00, the Fund disbursed $2,968.1.

1,468.1 *Increase Actual vs Estimate*
In 1999/00, the Fund budget was $1,500.0; while $2,968.1 was disbursed.

2. (784.0) *Decrease Actual vs Actual*
Revenues of $440.0 from the sale of the Aging and Rehabilitation Product Development Corporation's (ARCOR) assets and $319.6 from MTS Telecomm related to Telecommunications Marketing Branch activities were received in 1998/99. There were no comparable revenue streams in 1999/00.

Industry Development and Trade
Five-Year Expenditure and Staffing Summary by Appropriation ($000s)
For Five Years Ended March 31, 1996 - March 31, 2000

	Actual/*Adjusted Expenditures									
	1995-96		1996-97		1997-98		1998-99		1999-2000	
Appropriation	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**
Administration & Finance	41.54	5,911.7	43.54	5,849.3	39.52	3,177.6	43.58	3,255.6	41.22	3,295.6
Business Services	66.04	23,415.4	60.85	18,613.8	62.21	22,193.2	61.81	27,811.3	59.94	61,680.4
Tourism and Small Business	19.29	1,814.4	17.54	1,340.2	20.94	1,713.2	20.56	1,883.8	18.54	1,754.9
Economic Development	6.33	3,757.0	5.56	2,337.7	5.85	1,943.0	5.73	2,731.7	4.03	4,814.8
Amortization of Capital Assets								1.1		264.9
TOTAL OPERATING	133.20	34,898.5	127.49	28,141.0	128.52	29,027.0	131.68	35,683.5	123.73	71,810.6
Expenditures Related to Capital										
TOTAL	133.20	34,898.5	127.49	28,141.0	128.52	29,027.0	131.68	35,683.5	123.73	71,810.6

* - Adjusted figures reflect historical data on a comparable basis in those appropriations affected by reorganizations during the five years.

SECTION 1a

TELECOMMUNICATION POLICY

FORMERLY PART OF
THE DEPARTMENT OF
HIGHWAYS AND TRANSPORTATION

TELECOMMUNICATION POLICY

ADMINISTRATION AND FINANCE

Telecommunication Policy was part of the Department of Highways and Transportation, and was transferred to Industry, Trade and Mines.

15-1(c) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	44.6	2.00	119.7	(75.1)	1
Total Other Expenditures	116.2		22.5	93.7	1-2
Total Expenditures	**160.8**	**2.00**	**142.2**	**18.6**	

Explanation Number:

1. *As a result of a secondment expenditures related to the Branch Director were paid from the other expenditure account. Funds were transferred from the salary account to the other expenditure account to accommodate the expenditure.*

2. *The remaining variance is due to office operating expenditures being higher than budget.*

Telecommunication Policy

Reconciliation Statement

DETAILS	1999/2000 ESTIMATES
1999-00 MAIN ESTIMATES	0.0
ALLOCATION OF FUNDS TO:	
- Department of Industry, Trade and Mines	142.2
1999-00 ESTIMATE	142.2

Branch of Telecommunications Policy
Expenditure Summary
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	15-1 Administration and Finance				
	(c) Financial & Administrative Services				
119.7	Salaries & Employee Benefits	44.6	39.7	4.9	
22.5	Other	116.2	134.9	(18.7)	
142.2	TOTAL FOR TELECOMMUNICATIONS POLICY	160.8	174.6	(13.8)	

Branch of Telecommunications Policy
Five-Year Expenditure and Staffing Summary by Appropriation ($000s)
For Five Years Ended March 31, 1996 - March 31, 2000

	Actual/*Adjusted Expenditures									
	1995-96		1996-97		1997-98		1998-99		1999-2000	
Appropriation	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**	**FTE**	**$**
Administration & Finance	1.00	101.7	1.00	135.6	1.00	165.2	1.00	174.6	1.00	160.8
TOTAL OPERATING	1.00	101.7	1.00	135.6	1.00	165.2	1.00	174.6	1.00	160.8
Expenditures Related to Capital										
TOTAL	1.00	101.7	1.00	135.6	1.00	165.2	1.00	174.6	1.00	160.8

* - Adjusted figures reflect historical data on a comparable basis in those appropriations affected by reorganizations during the five years.

** - Change in Government policy regarding capital assets and amortization effective 1998/99

SECTION 2

MINERAL RESOURCES

FORMERLY PART OF
THE DEPARTMENT OF
ENERGY AND MINES

MINERAL RESOURCES

ADMINISTRATION AND FINANCE

MINISTER'S SALARY AND EXECUTIVE SUPPORT

The Administration and Finance Division comprises the Executive Support Offices and Financial and Administrative Services.

EXECUTIVE SUPPORT

Executive Support includes the Offices of the Minister and Deputy Minister. The Minister provides leadership and direction to the department to ensure the established goals and objectives are met. The Office of the Deputy Minister provides the Minister with advice and information relating to matters concerning the energy and mineral resource industries. Executive Support provides administrative leadership and overall planning and co-ordination of departmental activities to ensure human and financial resources are applied efficiently and effectively.

23-1(a) Minister's Salary

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Minister's Salary	13.5	0.50	13.5	0.0	
Total Expenditures	13.5	0.50	13.5	0.0	

23-1(b) Executive Support

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Other Expenditures	37.4		37.4	0.0	
Total Expenditures	37.4		37.4	0.0	

FINANCIAL AND ADMINISTRATIVE SERVICES

OBJECTIVES

The objectives of the Financial and Administrative Services Branch are to provide a comprehensive range of support services to the entire department. These include financial and accounting services, personnel management, computer systems support, and administrative policy development. These services offer the other branches of the department assistance and contribute to the fulfilment of their program objectives and the department's goals.

ACTIVITIES/RESULTS

The Financial Services section provides financial, accounting, budgetary, and operational support services to the entire department. These activities include: financial planning and co-ordination of the departmental annual revenue and expenditure estimates;financial advice to program managers; financial reporting and expenditure control; payment processing and disbursement; revenue accounting; administration of loan agreements and programs; co-ordination of requests for departmental goods and services including office accommodation and equipment; and co-ordination of departmental vehicle usage and maintenance, and administration of the paid parking program.

Specific activities of the Financial Services Section during 1999/00 included:
co-ordination of the financial information relevant to the preparation of the Departmental Estimates, Annual Report, Public Accounts Variance Explanations and Quarterly Forecasts of Expenditures and Revenue; processing timely payment of supplier invoices and maintaining a revenue collection and deposit system; implementation and department co-ordination of the Systems Application Program (SAP); continuation of the implementation of Manitoba Measures Business Planning Initiative.

The Human Resource Management Service function for the Department of Energy and Mines, Highways, Natural Resources and Northern Affairs is consolidated into one unit. The Unit provides leadership and support in Human Research Management and Pay and Benefit Services for the four Departments under one Director reporting to the respective Departmental Deputy Ministers.

The services provided include human resource planning and management, recruitment and staffing, compensation and benefits, job classification, labour and employee relations, training and development, performance management and employment equity.

The Unit operates under delegated staffing and classification agreements with the Civil Service Commission for all four departments.

Some of the major accomplishments for the Unit during1999/00 include:

- Provide comprehensive pay and benefits services for over 6000 employees;
- Significant progress in achieving the objective of a business plan to address the requirements of the four departments;
- Significant support to Better Methods through the secondment of staff and provision of Human Resource Support
- Significant progress in the implementation and decentralization of Corporate Human Resource Information System (SAP) to the Regions and Districts in all four departments;
- Significant progress in the development of a Competency Based Human Resource Model for all four departments;
- Continued support to Aboriginal Management Development Program.

Some of the major accomplishments specific to the Department of Energy and Mines:

- Staffing activity included 25 permanent and term staffing actions and 32 student hires.
- Energy and Mines was successful in attracting employees from the various employment equity target groups.
- Of the 16 new hires, 33% were designated members
- Of the 28 student hires, 41% were designated members
- A total of 12 development opportunities were undertaken within the department affording internal employees the opportunity to take on new assignments to develop and expand their skill set.
- Continue to provide guidance advice to management on labour relations, including appropriate action and negotiating settlements to resolve issues before the formal grievance stage. There were two formal grievances.

The Computer Services section provides the department with Information Technology support services including: computer systems design and implementation; equipment evaluation and acquisition (outside Desktop Initiative); user education and assistance (outside the standard suite); and, implementation of government wide initiatives fromthe OIT office and adherence to guidelines and standards set.

The Computer Services section executed all purchases of hardware and software approved in the 1999/00 Annual Information Technology Systems Plan and, prepared a new Systems Plan for 2000/01.

Additional activities undertaken by the Section during the year included:

- Participation in the "Manitoba Land Initiative Committee" and were instrumental in its set-up, software selection and installation.
- Addressed Y2K issues by:
    - participating in audits and meetings
    - completed a Quality Assurance Report indicating Y2K compliancy issues for each software and custom applications used in the department.
    - identified critical systems, performed Y2K testing and completed Y2K repository reports.
- Migrated all application servers to common operating systems.
- Totally upgraded the Mining Recording Information System from hardware, operating system to development tools and application itself.
- Developed a "Core Inventory System" for the Rock Lab.
- Developed "Pleistocene Database System" for Geological Services
- Provided project management for four systems out-sourced for re-engineering and rewrite to make them Y2K compliant.

In 2000/01 the following activities are planned:

- Continue with the development of the central map warehouse as well as the software and data required for the Provincial MLI (Manitoba Land Information) project.
- Design and implement our Internet Map Server for access by all of the department's clients around the world via the Internet. The department intends to work on publishing the following GIS layers on the Internet: Bedrock geology, Quaternary geology, Geochemistry, Geochronology, Geophysics, Mineral Deposits, Aggregate, Industrial Minerals, Stratigraphy, Hydrology, Assessment, Mining claims, land use, petroleum well information and well locations.
- Total rewrite of the "Assessment System" to web enabled technology and placement on the Internet/Intranet.
- Rewrite of our Internet Mining Information System to new technology and linkage to the Internet Map server.

23-1(c) Financial and Administrative Services

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	860.8	14.50	810.1	50.7	
- Other Expenditures	158.9		165.2	(6.3)	
Total Expenditures	**1,019.7**	**14.50**	**975.3**	**44.4**	

MINERAL RESOURCES

MARKETING

OBJECTIVES

The Marketing Branch is responsible for promoting mining and exploration investment opportunities and increasing the public's awareness about the benefits and opportunities of sustainable mineral development. To achieve these goals, the Marketing Branch works closely with the Manitoba Geological Survey and the Mines Branch of the Mineral Resources Division of the Department in promoting Manitoba's mineral development advantages.

ACTIVITIES/RESULTS

On a global scale the mining industry has suffered over the past few years. Despite this, Manitoba has had some positive news even gaining recognition on a global scale. According to the 1999 Fraser Institute survey of mining companies, Manitoba is one of the best places in the world to invest in exploration and mining. In addition, Hudson BayMining and Smelting and Inco announced major investments to ensure their operations remain in Manitoba until at least 2016. There was also growing interest in the search for platinum-group elements in Manitoba. The use of these elements in the production of catalytic converters that reduce tailpipe emissions can help the environment. Diamonds are another commodity that generated new and exciting exploration activity in Manitoba.

In an effort to strengthen and build on the positive perception of Manitoba's mineral investment opportunities, the Marketing Branch continued to promote a departmental investment strategy that focused on: the provision of current and relevant base geological data; transparent regulations and legislation; certainty of land access and tenure; a competitive cost of doing business; and productive partnerships with stakeholders.

The Branch continued to build relationships with exploration and mining companies by promoting the advantages of investing in Manitoba. The benefits of theserelationships are not always realized immediately. Mineral exploration and mine development are long-term endeavours with inherent risks. Over the years, however, all Manitobans have benefited from this industry that has grown to be the second largest primary resource industry in Manitoba, with a value of nearly $1 billion annually.

The responsibilities of the Marketing Branch are implemented through four program areas; Promotion and Public Relations, Customer Service, Strategic Business Development and Community Development.

Promotion and Public Relations

Conventions and Trade Shows -
Investment opportunities were promoted through trade show displays and direct marketing efforts at the following major mining and exploration events:

- Prospectors and Developers Association of Canada (PDAC) - Toronto (10,000 in attendance)
- Cordilleran Roundup - Vancouver (3,000 in attendance)
- Northwest Mining Association - Spokane Wash. (2,000 in attendance)
- Canadian Conference on Markets for Industrial Minerals - Montreal (150 in attendance)

To compliment efforts at these conferences, a number of special events were orchestrated.

These special events were instrumental in raising the profile of mineral investment opportunities and were well attended by our core customer base.

- Keynote luncheon address by the Minister at the Northwest Mining Association Conference.
- Hospitality event at the Cordilleran Roundup hosted by the Minister.
- Session presentation made by the Minister and hospitality event hosted by the Minister at the PDAC.

Manitoba Mining and Minerals Convention

The annual Manitoba Mining and Minerals Convention hosted 900 industry stakeholders, making the November 1999 event the most successful since its inception 31 years ago. The convention provided a venue for stakeholders to learn of the latest government geological information releases, exploration and mining services and business opportunities. The convention theme, "Investing Together For The Future", addressed the importance of building partnerships between industry, communities, government and interest groups for the future success of exploration and mining in Manitoba. In 1999, the convention hosted a total of 61 booths and 41 presenters. In addition, 36 mineral property showcases and 38 geological posters were featured. The Manitoba Mining and Minerals Convention 2000 will be held November 16, 17 and 18 at the Winnipeg Convention Centre.

Information Production and Dissemination

Critical to the success of promoting mineral investment is the production and dissemination of technical geological information and promotional and mineral education outreach material.

Working with the Manitoba Geological Survey, Marketing Branch edited, packaged and disseminated 13 technical geological reports and 5 geological maps. Mineral information was disseminated through library services, publication sales and an ever expanding Departmental website. The Internet is becoming a key medium for mineral information dissemination. The average monthly number of hits on the Mineral Resources Division site has gone from 1,100 in 1996 to over 15,000 in the 1999/2000 fiscal year. The trend towards digital data distribution was apparent this year, with the release of 4 CD–ROM products and website access to the annual Report of Activities in PDF format.

Publication Sales filled 1,366 orders with an 11% increase in sales of reports and maps. Library services responded to 1,223 reference and research inquiries and saw a 70% increase in interlibrary loan requests.

The Branch produced or updated promotional materials to support Departmental initiatives including:

- the *Manitoba Minerals Guideline* booklet and fact sheet (Aboriginal/mining initiative)
- issue #4 of the *Manitoba Exploration News*, a tabloid highlighting current developments in Manitoba's exploration and mining industry;
- created new fact sheets for the mineral incentive programs, the 1999 convention, library services, and two mineral education fact sheets (French and English) for Provincial Mining Week;
- revised the *Manitoba Mining and Exploration Directory* entries and the *Geology and Minerals Publications Price List*;
- quarterly updates of the *Exploration Activity Map for Manitoba* providing a current snap shot of which companies are operating in the province, where they are exploring and what they are looking for;
- six publications release notices for geological reports and maps published throughout the year;
- *Geoscience Programming Booklet* revised and reprinted
- provided desktop publishing and reproduction services for the departmental annual report.

Manitoba's mineral investment advantages were covered in a variety of complimentary articles in the following publications:

- *Rock Solid* for the *Manitoba Business Magazine*
- 1999 mining report in *Commerce and Industry*
- *Manitoba Mining and Exploration Review* (in collaboration with the Manitoba Prospectors and Developers Association and Naylor Publications)
- *Canadian Mines Handbook*
- *Explore, the newsletter for the Association of Exploration Geochemists*
- *Geology*, the newsmagazine of the Geological Association of Canada

Team Manitoba

Team Manitoba, a collaborative effort between Manitoba's mining communities, mineral property holders and staff from Industry, Trade and Mines, was also successful in promoting mineral investment. Working together, the Team, including mayors from five of Manitoba's mining communities, provided a unified front to potential investors at the Prospectors and Developers Association of Canada Conference and at the Manitoba Mining and Minerals Convention.

Customer Service

Marketing, in co-operation with Mines Branch, provided advice and direction to help new companies adjust to operating in a new jurisdiction or existing companies embarking on new ventures. This client assistance was provided in both an interdepartmental team approach and through issue driven individual service.

Business Development staff made over 500 contacts with external and internal (to government) stakeholders. Service was provided to a variety individuals and exploration companies coming to Manitoba in the last year including Kennecott Canada Exploration, Montello Resources, BHP Minerals Canada, WMC International and Nuinsco Resources.

In the industrial mineral sector, assistance was provided to a variety of companies interested in various commodities such as Cambrian Stone Inc. that is looking at developing an engineered composite stone plant near Lac du Bonnet. As well, staff continued to work closely with Berger Peat, a leader in the sphagnum peat moss industry, as they move forward with plans to begin operations in Manitoba some time in 2001.

Given that raising funds for exploration is difficult in today's markets, companies considering investing in Manitoba are often looking for exploration projects that are more advanced. An important initiative to help new companies make contact with existing property holders in Manitoba, is the Properties for Options or Investment listing provided by the Department. Over 30 mineral properties were given global profile through a internet listing on the Department's website and through a publication distributed to exploration and mining companies.

Strategic Business Development

In order to effectively promote Manitoba's mineral investment advantages, it is important to understand industry trends and needs. Where possible, it is also necessary to contribute to the policies and initiatives that can impact mineral investment in a positive and responsible way. Branch representatives participated on various committees such the Mining Tax Committee, Mines Act Review Committee, and the Protected Areas Mineral Liaison Committee.

Contributing to the long-term viability of nickel mining in Manitoba, Inco's Birchtree Deepening Project was granted new mine status for mining tax purposes. The mine is exempt from mining tax until profits, before any deduction for depreciation, exceed the total cost of "new mine" capital assets acquired before the start of commercial production.

The continuation of mineral incentive programs such as the Mineral Exploration Assistance Program (MEAP) and the Specialty Minerals Incentive Program (SMIP) sent a positive message to industry that Manitoba was serious about attracting investment and supporting industry in times when market conditions make raising capital difficult. Both programs were administered under the Marketing Branch (see page 93 and 96 for detailed information).

Community Development

Community development activities undertaken by the Branch include participating in and co-ordinating various initiatives related to mine closure, mining community economic development and mineral related outreach programming. The purpose of these activities is to help contribute to the long-term viability of mining communities and to help build an understanding and support for mineral development in Manitoba.

The department, with Intergovernmental Affairs and Labour took the lead in organizing an interdepartmental working group to deal with mine closure at Lynn Lake and Leaf Rapids. Besides increased government geological programming in these regions, the government is also providing funding assistance from the Mining Community Reserve to help each community deal with the effects of mine closure and plan for future economic development.

The Marketing Branch planned and implemented various initiatives that helped create awareness of the mineral industry including Provincial Mining Week, career symposiums and various publications targeted at the general public. In the coming year, increased emphasis will be placed on outreach activities focused on Aboriginal communities. The intent is to help create an understanding of the industry and the opportunities associated with it.

23-2(a) Marketing

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	818.1	17.50	850.5	(32.4)	
Total Other Expenditures	512.5		475.4	37.1	
Total Expenditures	**1,330.6**	**17.50**	**1,325.9**	**4.7**	

MINES

OBJECTIVES

The Mines Branch administered legislation governing the disposition of mineral rights (permits, claims and leases), exploration, development, and production of the province's non-fuel mineral resources and the rehabilitation of mines and quarries.

The branch comprises three sections; Mining Recording, Mining Engineering and Inspection, and Assessment.

ACTIVITIES/RESULTS

Other activities performed by Mines Branch staff include the continuing compilation of an inventory of the province's aggregate resources and administration of provincial land-use policies that deal with the conservation of aggregate resources. The Branch continued its representation on the Science and Technology Committee (sub-committee of IGWG). One of the major programs for the year was the Shallow Stope Stablization Standard. Branch staff attended a forum in Thunder Bay on "The Potential for Partnership - Mining Companies and the Aboriginal Community".

In 1999/00 the branch entered the seventh year of a substantial program for the rehabilitation of aggregate pits and quarries throughout the province, and continued to administer the Prospectors Assistance Program.

Mining Recording Section

Mining Recording offices are located in Winnipeg and The Pas with regional offices located in Flin Flon and Thompson.

Mining Recording Offices maintain up-to-date records of mineral dispositions and leases and all legal transactions that relate to mineral dispositions and leases as required by legislation. The general public can access the computer data base on mineral dispositions through terminals located in each of the offices.

The Mining Recording Section processes applications for mineral dispositions and leases, monitors and inspects the activities of disposition and lease holders for compliance with requirements of The Act and Regulations, and collects fees, rentals, royalties, rehabilitation levies, taxes and cash security deposits payable under the Regulations. The total revenue collected by the Section during the fiscal year 1999/2000 was $2,663.1 and the rehabilitation levy collected on the removal of aggregate material was $1,816.2 for the same period.

During the calendar year 1999, 1,024 mining claims and 15 exploration permits were recorded covering a total of 801,550 hectares. In addition, 66 quarry mineral leases, 783 casual quarry permits and 841 registration certificates for private pits and quarries were also issued during the same period. Details of the types of mineral dispositions and leases issued and in good standing in 1999 are shown on pages 24 and 25.

One of the significant achievements of the Branch during the year was the finalization and production of the 1-250,000 compilation maps, which are now available to prospectors and the general public.

During the year, a process was established to improve communications with First Nations communities with regards to the issuing of exploration permits.

Mineral Dispositions Issued each calendar year 1996 to 1999

	1996		1997		1998		1999	
	No.	Hectares	No.	Hectares	No.	Hectares	No.	Hectares
Mining								
Mining Claims	692	192 245	1 664	201 323	594	116 905	1 024	219 077
Mining Exploration Permits	5	132 936	9	169 847	1	47 619	7	232 413
Special Exploration Permits	-	-	1	15 073	3	311 110	8	350 060
Quarrying								
Leases	46	774	70	4 007	27	1 096	54	2 560
Exploration Permits	6	271	-	-	-	-	-	-
Casual Quarry Permits	841	-	780	-	803	-	783	-
Peat								
Leases	60	10 862	24	2 461	3	732	12	1 837
Private Aggregate Registration Certificates	782	-	802	-	831	-	841	-

Mineral Dispositions in Good Standing at calendar year end 1996 to 1999

	1996		1997		1998		1999	
	No.	Hectares	No.	Hectares	No.	Hectares	No.	Hectares
Mining								
Mining Claims	6 182	892 088	7 030	936 210	6 809	893 721	6 111	885 784
Order-In-Council Leases	3 653	120 545	3 653	120 804	3 653	120 601	3 653	120 601
Mining Exploration Permits	10	257 753	13	310 250	14	352 343	10	295 933
Special Permits	5	477 915	6	492 988	9	587 136	13	608 437
Mineral Leases	321	31 898	323	33 262	323	33 599	295	32 687
Potash								
Leases	1	5 787	1	5 787	1	5 787	1	5 787
Quarrying								
Leases	667	32 077	711	34 509	712	34 145	729	35 032
Exploration Permits	6	271	-	-	-	-		
Peat								
Leases	105	16 413	117	17 726	118	17 979	128	16 601
Exploration Permits	-	-	-	-	-	-	-	-
TOTAL	10 950	1 834 747	11 854	1 951 536	11 639	2 045 311	10 940	2 000 862

Mining Engineering and Inspection

The primary purpose of the Mining Engineering and Inspection Section is to facilitate and encourage sound exploration, mining and rehabilitation practices in the province consistent with the principles of sustainable development and in compliance with The Mines and Minerals Act.

Staff monitor mining activity in Manitoba to ensure compliance with requirements under The Mines and Minerals Act including licences, registrations, permits, leases, closure plan submissions, royalty/levy charges on production, and environmental operation standards. In 1999 inspection staff conducted over 1600 field inspections that comprised the monitoring of mining compliance at quarry lease and casual quarry permit locations, private pit/quarry operations and site rehabilitation projects.

Based on the One Window Permitting approach, all the relevant parties on mine permitting such as Conservation, Labour, Marketing and Mines Branch reviewed three new mine development proposals. Two rehabilitation sites in Lynn Lake were visited to assess the rehabilitation work in progress. Two operating mines were visited by the engineering staff and advice on mine closure plan guidelines were given to respective environmental staff in order to speed up the closure plan submission to fulfill the regulatory requirements. An Orphan Minesite Strategy Program was developed.

The Mine Closure Regulation was drafted by Mines Branch engineering staff to address the rehabilitation of currently operating mines in Manitoba, and came into force on May 25, 1999. Guidelines for industry in the application of this Regulation are being developed by a team consisting of industry and government representatives addressing the issues of mine rehabilitation standards, the timing of said measures and the provision of security to meet the costs of closure. Closure plans were submitted by operating mines and the majority of the plans are under review by the regulatory authorities. One company announced it was ceasing operations and department staff have been working with the company to ensure that requirements of the Mine Closure Regulation are met.

One significant priority during the year was to try and resolve the question of liability for the Lynn Lake Tailings Dump. Discussions have been ongoing with Agrium.

Branch staff participated on various interdepartmental Technical Review Committees, reviewed and reported on two mining prospectuses for the Manitoba and Saskatchewan Securities Commissions and took part in judging the Provincial Mine Rescue Competition.

The Mines and Minerals Act, proclaimed in 1992, introduced a program dealing with the rehabilitation of pits and aggregate quarries in the province. The Act established a fund that is used to pay for all aggregate pit and quarry rehabilitation requirements. On the basis of aggregate production from private and Crown lands in 1999 some $1.8 million was contributed to the Quarry Rehabilitation Fund, with 197 rehabilitation projects being completed in 1999 at a cost of $2.1. million. Completed projects to date comprise approximately 3700 hectares of land rehabilitated. All the work has been undertaken through private equipment rental agreements or tendered contracts with private operators, administered and monitored by branch inspection staff.

In response to increasing land use pressure and related municipal land use planning requirements in agro-Manitoba, significant effort has been expended towards providing technical assistance and land use information for newly created planning districts. High quality mineral resources and mineral dispositions are documented and technical advice concerning land management was provided to several planning districts. A new concept for land use maps for the capital region for resource management purposes has been initiated.

Staff participated in several Municipal Board and Conditional Use hearings to assist these regulatory bodies on planning matters. A total of 2,007 land use proposals, including subdivision applications, Crown land sales, zoning memorandum and Crown surface use clearances were assessed for potential land use conflicts.

Progress towards meeting provincial obligations for Treaty Land Entitlement and Northern Flood Agreement in accordance with the related legal agreements was made. Sixty-two land selections representing approximately 217,710 acres were assessed. Mineral dispositions in good standing that were affected by land selections were documented and technical advice in support of the process was provided. Staff participated in a two day workshop for Treaty Land Entitlement with Manitoba Treaty Land Inc.

Staff participated in the implementation of the Network of Special Places Action Plan and helped identify and assess candidate sites. Technical support to the stakeholder assessment/consultation process was provided by land title research and interpretation, documenting mineral tenure and preparing the legal instruments for withdrawal and Crown mining rights. Special attention was given to Wildlife Management Areas and northern areas of special interest.

Staff participated in policy development for the provincial sustainable development initiative. Major activities included the fish and wildlife strategy, sustainability indicators, mineral strategy and provided technical support to the COSDI process. The principles and practices of sustainable development were incorporated into several land management plans.

Technical support was also provided to Crown land planning through activities of the Crown Land Classification Committee. Technical advice regarding resource management classification and use of Crown land, policy development and suitability of land designations is provided. The Crown Land Classification Committee is supervised by the Provincial Land Use Committee of Cabinet.

A new website for sustainable development and land access in the mining sector was created for the departmental web page.

Assessment Section

The Section receives and evaluates reports of required work submitted under The Mines and Minerals Act to ensure compliance with legislation and acceptable industry standards. At first confidential, these reports are eventually transferred to the non-confidential assessment library open to the public. These reports are indexed, microfilmed and scanned to make them available on the website. Index maps showing areas covered by each report are maintained. They are currently being digitized and should be available on the website before the end of the year 2000. Clients can view reports in our office and can obtain copies of the reports on paper, microfilm or compact disc.

The Section is responsible for the implementation of the Manitoba Prospectors Assistance Program. Funded at $125,000 per year, the program allows for grants up to 50% of the costs of prospecting to a maximum of $7,500 per prospector per year, (page 96).

The Section also provides advice to the Review Panel and Administrator of the Mineral Exploration Assistance Program on the merits and validity of the projects, acceptance of final reports and recommendations on payment or non-payment of grants.

The Section monitors mining exploration activities in the province and contributes to the preparation of reports on industry activity. It also acts as liaison between Natural Resources Canada and the mining industry for the gathering of statistics on exploration and production.

The Section participates in the co-ordination of Prospectors Training courses and provides secretarial services to The Mining Board.

Statistical Information from 1996 to 1999

	1996	1997	1998	1999
Reports of work added to assessment library	160	174	211	114
Reports transferred to non-confidential status	71	355	87	114
PRIVATE SECTOR:				
Visits	200	266	185	139
Reports examined	1,304	1,931	1,305	746
Reports duplicated for clients	376	825	1,135	241
Microfiche duplicated for clients	1,100	140	3,652	555
CD'S duplicated for clients	-	-	-	29
DEPARTMENTAL STAFF:				
Reports examined	568	298	344	190
Reports duplicated for staff	5	19	25	10
Microfiche duplicated for Wpg. and Northern Offices	1,094	-	3,765	2,144

23-2(c) Mines

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Salaries & Employee Benefits	1,450.7	31.50	1,444.5	6.2	
Total Other Expenditures	597.0		597.0	0.0	
Total Mines Site Cleanup	5,000.0		-	5,000.0	1
Total Expenditures	**7,047.7**	**31.50**	**2,041.5**	**5,006.2**	

Explanation Number:

1. *The over-expenditure is due to the Province's obligation at the Ruttan Mine Site. An allowance has been established representing the province's estimated liability for environmental clean-up costs at the mine-site.*

Mining Board

The Mining Board is established under the Mines and Minerals Act. The primary function of the Board is the arbitration of disputes between surface rights holders and mineral rights holders with respect to accessing of minerals other than oil and gas. The Board can also hear and resolve disputes between holders of mineral dispositions and between holders and officers of the Department.

In 1999/00, four cases were referred to the Mining Board. Three cases were resolved by the Board and one case was dropped when the mining claims against which the dispute was filed were surrendered by the holder.

GEOLOGICAL SERVICES / GEOLOGICAL SURVEY

OBJECTIVES

The Geological Survey conducts a wide range of investigations in Manitoba's Precambrian Shield, Western Canada Sedimentary Basin, and Hudson Bay Basin. Investigations include examination of exposed bedrock, subsurface materials, and surficial sediments including sand, gravel and organic deposits. The Geological Survey provides data and products such as geological maps and reports, metallic and industrial mineral deposit reports and databases, mineral resource assessments, targeted geoscience research, development of exploration models, and maintenance of data inventories. By developing an understanding of Manitoba's geology and geological processes, the Geological Survey promotes mineral exploration opportunities and contributes to wise land-use management.

In October 1999, those branches responsible for delivery of mines related programming in the former Department of Energy and Mines were incorporated into the newly formed Department of Industry, Trade and Mines. This re-alignment recognizes the importance of the mining industry to the Manitoba economy and underscores a continuing commitment to supporting initiatives that ensure the long-term viability of the mining industry and mining communities in Manitoba. In December 1999 the Geological Services Branch (GSB) was re-named *Manitoba Geological Survey* (MGS). This change was proposed because it is a clear and unambiguous statement of the role of the Branch and is consistent with usage in many provincial geological survey organizations across Canada.

ACTIVITIES/RESULTS

In 1999, geological programming in Manitoba continued to focus on stimulating socio-economic development by fostering a positive business climate for investment in mining and exploration within the province. Other Departmental initiatives focused on this objective include the introduction of more favourable taxation policies, continuation of the Mineral Exploration Assistance Program (MEAP), the Prospectors Assistance Program (MPAP), and the launch of the new Specialty Minerals Incentive Program (SMIP) aimed at promoting development in the industrial minerals sector. In addition, work continued on the development of a partnership protocol between Aboriginal groups and the minerals industry, as well as active participation and industry consultation in the review of candidate sites for Manitoba's Network of Protected Areas.

Key to building Manitoba's competitive advantage is the provision of current and relevant geoscience information that supports the minerals industry and contributes to sustainable development and wise land management. To help meet this objective, funding levels for the Geological Services Branch were increased in 1999 to $3.9 million.

Geoscience Program

The 1999/00 geoscience program reflects a balance between providing support to the traditional mining camps, stimulating new exploration and development opportunities in the frontier areas, and supporting land use and development priorities in southern Manitoba. The program is reviewed annually by the Mineral Exploration Liaison Committee (MELC), composed of members of the Mining Association of Manitoba, the Manitoba Prospectors and Developers Association and the Manitoba-Saskatchewan Prospectors and Developers Association, as well as representation from the University of Manitoba Department of Earth Sciences and the Geological Survey of Canada.

Collaborative initiatives continue to be a key element in the delivery of Manitoba's geoscience program. These projects draw on the collective expertise and resources of various government, university and industry organizations. They provide opportunities for technology transfer and intellectual cross-fertilization and augment the geoscience database for the province. The major collaborative initiatives currently underway are summarized below.

Partnership Programs

Region	Program	Participants
Flin Flon/Snow Lake	CAMIRO	GSC, universities
	Shield Margin NATMAP	GSC, SGS, universities, LITHOPROBE
	Flin Flon Belt geochronology	HBED
Thompson Nickel Belt	*CAMIRO*	Industry, GSC, universities, NSREC
	Fox River Belt geology and metallogeny	Falconbridge
	Thompson Nickel Belt compilation	INCO, Falconbridge, HBED
N. Superior Province and SE Manitoba	*Western Superior NATMAP*	OGS, GSC, universities, LITHOPROBE, NSERC
	Western Superior LITHOPROBE	U of Waterloo, U of Alberta, NSERC
Southern and Central Manitoba	*Greater Winnipeg NATMAP*	GSC, Universities
	Hydrogeology	GSC, WRB, U of Manitoba
	Paleofloods of the Red River	GSC, IJC, RRFPP

CAMIRO: Canadian Mining Industry Research Organization; **GSC**: Geological Survey of Canada; **HBED**: Hudson Bay Exploration and Development Co. Ltd.; **IJC**: International Joint Commission; **LITHOPROBE**: Canada's National Geoscience Program; **NATMAP**: National Mapping Program; **NSERC**: Natural Sciences and Engineering Research Council; **OGS**: Ontario Geological Survey; **RRFPP**: Red River Flood Protection Program; **SGS**: Saskatchewan Geological Survey; **WRB**: Water Resources Branch.

In 1999 the Geological Services Branch held its second regional geoscience needs workshop. These workshops originated as an outcome of the Intergovernmental Geoscience Accord, in which all provinces (except Quebec) and the federal government agreed to terms of reference outlining respective responsibilities regarding geoscience programming . An outcome of this understanding was the need to establish a co-ordinated planning process, in which the regional geoscience needs of each jurisdiction were clearly identified. The first Manitoba workshop was held in January 1997, but because many of our collaborative initiatives will be coming to an end within the next 2 to 3 years, it was decided to renew the process. The objective of the exercise was to initiate development of a strategic plan that identifies not only what our geoscience requirements will be over the next 5 to 7 years, but also identifies a strategy to ensure we have the skills to fulfill those requirements. An emphasis was placed on participation from industry and universities. The first phase of this exercise was completed in April.

GSB's geoscience program is designed with a regional emphasis, focusing on those areas most in need of new and/or updated geological information. Programs are generally designed on a three- to five-year cycle, which allows the geographic focus of activities to shift from area to area within the Province. Continuous improvement of geological information within geographic areas is maintained on a 20 to 30 year timeframe, generally reflecting advances in technological development and scientific thought.

Major activities carried out under the field program are:

- development of compilation maps and regional syntheses (1:50 000 scale or smaller) to provide up-to-date regional geological syntheses, for both the major mining districts of Manitoba and the frontier areas of the province; and to provide geological background information and mineral resource assessments in support of land use planning and sustainable development, including the network of Protected Areas.
- thematic studies (1:20 000 scale or greater) to address specific geological and land use problems; to support mineral deposit studies and compilation series mapping; and to identify new methods of assessing and defining mineral potential for a variety of traditional and non-traditional mineral deposit types;
- specialized geochemical and geophysical projects, to provide regional compilations of geochemical and geophysical data to assist industry in the identification of exploration targets or prospective areas;
- maintenance of a mineral deposits inventory, to provide a systematic inventory of metallic mineral, industrial mineral and aggregate deposits.

Precambrian Section

Flin Flon/Snow Lake

The NATMAP Shield Margin project, completed in 1998 with the publication of a set of 1:100 000 maps and accompanying notes, was the culmination of twenty years of MGS mapping and mineral deposit investigations in the Flin Flon Belt. The scientific results of the Shield Margin Project have been published in two volumes of the Canadian Journal of Earth Sciences. With the completion of the Shield Margin Project, the intensity of field investigations in the Flin Flon Belt has decreased. However, the important lessons learned during the Shield Margin Project, in terms of greenstone belt complexity and project methodology, are now being applied in the Western Superior NATMAP project and in the Lynn Lake Belt.

Most current projects in the Flin Flon Belt have a specific mineral deposit orientation (e.g., gold deposits in the Snow Lake area, documentation of VMS deposits from mine plans and new sampling). In the effort to complete the Shield Margin Project, work on a large number of 1:5 000 to 1:20 000 maps was put on hold, and the intention now is to publish final maps for completed projects. These detailed maps will form the basis of a new 1:50 000 compilation series for the belt. In support of this initiative a number of more detailed thematic projects are currently underway. These include:

- new 1:20 000 geological mapping in the Squall-Varnson lakes area, in the Snow Lake region. Work in 1999 indicates that arc assemblage volcanic rocks of the map area correlate to the south with similar rocks that are host to prominent Cu-Zn-Au-Ag-bearing VMS mineral deposits, including the small but metal-rich Photo Lake VMS deposit, just south of the map area. The area also includes the large, base metal-poor, subeconomic Cook Lake deposit. Preliminary structural mapping has identified the Snow Lake fault as a probable early kinematic thrust fault, which during subsequent deformation, could have localized dilatent zones and possible gold mineralization.
- a variety of more detailed studies focused on known areas of mineralization to identify new methods of assessing mineral potential. These include: 1) orientation surveys using phase-selective enzyme leach and mobile metal ion (MMI) analytical approaches to characterize vertical variability of the geochemical response to mineralization at Photo Lake; 2) evaluation of rare earth element (REE) signatures in rhyolites to define the origin and geochemistry of barren and ore-related rhyolites associated with VMS deposits;
- continued collection of reference sample suites from all current- and past- producing mineral deposits in the Flin Flon Belt.

Lynn Lake/Leaf Rapids

The Lynn Lake Belt was the focus of extensive mapping and mineral deposit studies during the 1970's and 1980's. As a result the database for this area is one of the most comprehensive in the province. The current and long-term objectives for this area are:

1) to upgrade existing databases and maps to modern standards;
2) fill in gaps in the existing database, specifically with respect to structural geology and gold metallogeny; and
3) compile all data in a GIS format and develop data integration models using expert systems focused on probability of mineralization.

To this end several new projects have been initiated in the Lynn Lake region:

- All existing 1:50 000 scale maps in the region have been digitized and edge-matched to produce seamless coverage for the belt. These maps now form the basis for new trace element geochemistry and structural interpretations;
- Re-analysis of archival sample sets has been completed and results published in November, 1999. High precision trace and rare earth element data has been used to subdivide the greenstone belt according to tectonic affinity that identifies more productive juvenile arc assemblages as a focus for VMS exploration;
- A new mapping program of detailed structural analysis of the Johnson Shear Zone (JSZ) was initiated. Metallogenic studies into the nature and origin of gold mineralization is focused on providing insight into the processes involved in the development of shear-hosted gold deposits. Detailed mapping has enabled identification of the JSZ west of Gemmel Lake, significantly extending the known extent of this prospective gold-bearing structure;
- A data compilation project has been initiated, which will focus on developing a comprehensive GIS database for the region. In addition, a data integration study will develop and "expert system", building a predictive model for shear-hosted gold mineralization.

Thompson Nickel Belt / Superior Boundary Zone

Over the past year, mapping initiatives in the Superior Boundary Zone have extended beyond the Thompson Nickel Belt proper to include new mapping in the Fox River Belt and along the northwest Superior boundary in the Waskaiowaka and Stephens lakes areas.

Thompson Nickel Belt

The geology, metallogeny and tectonic evolution of the Thompson Nickel Belt (TNB) are the subject of a four-year investigation being administered by the Canadian Mining Industry Research Organization (CAMIRO). The project began in 1997 and will continue to 2001. The study integrates existing data from mining companies and government records with a wide range of new datasets, using ArcInfo GIS software as a platform for interpreting the database. Specific projects carried out in 1999 include:

- detailed mapping at Mystery Lake, along the western boundary of the TNB between Soab Mines and the Pipe Mine, and in the northern part of the Setting Lake area;
- regional structural investigations;
- thematic studies, including: examination of the petrogenetic and metallogenic significance of mafic-ultramafic dykes and volcanic sequences in the TNB; extensive sampling of basement gneisses and intrusive rocks in the exposed part of the TNB for U-Pb geochronology; completion of preliminary U-Pb age determinations for detrital zircons from all major metasedimentary sequences; and completion of an initial set of Nd-Sm isotope analyses of mafic and ultramafic rocks.

In concert with the CAMIRO project, work continued on a new 1:50 000-scale compilation map series for the TNB. This past year, lithologic map manuscripts were completed for the Sub-Phanerozoic portions of the TNB, in co-operation with Hudson Bay Exploration and Development Co. Ltd. and Falconbridge Ltd. Mapping in the Setting Lake area was also completed. Core logging will continue during the summer of 2000, with preparation of the remaining maps in this series scheduled for fall/winter of 2000.

Northwest Superior Boundary

The discovery of a segment of older crust, with elements as old as 3.7Ga, in the Assean Lake area was the result of multidisciplinary mapping, structural, geochronologic and geochemical investigations conducted since 1997. These studies are redefining the nature and location of the Superior Boundary Zone and are being undertaken, in part, to better constrain the setting of base- and precious-metal mineral occurrences and deposits in the area. Mapping in the Waskaiowaka Lake area this summer focused on testing the hypothesis that the Owl River geophysical feature represents a significant geologic break. This mapping identified the Owl River structure as discrete, northeast- trending high-strain zones overprinting generally east-trending granodiorite to tonalite gneisses. Preliminary Nd model ages of the orthogneisses are ca. 2.6 Ga south of the "Owl River shear" and 2.2 Ga north of the structure. The new data indicates that direct eastward correlation of Trans-Hudson Orogen domains in the Assean-Waskaiowaka lakes areas needs to be reassessed.

Fox River Belt

The Geological Services Branch launched a new program in the Fox River Belt in co-operation with Falconbridge Ltd., the company that currently holds exploration rights to most of the belt. The Fox River Belt is the largest known continuous section of the Superior Boundary Zone rifted margin sequence. The objectives of this program are: 1) to gather new field and geochemical data to aid mineral exploration activities, and 2) provide the framework forunraveling the history of sedimentation, volcanism and plutonism within this large, but relatively unknown segment of the Superior Boundary Zone.

Work in 1999 focused on:

- developing the lithostratigraphic framework for platinum group element-copper-nickel sulphide mineralization in the marginal series of the Fox River Sill. Results of preliminary fieldwork conducted this summer indicate potential for the development of Ni-Cu-PGE sulphide deposits in the Marginal Zone of the Fox River Sill. Follow-up work is planned for summer 2000;
- documenting volcanic stratigraphy of sections along the Fox and Stupart rivers. Preliminary work conducted this summer suggests the volcanic stratigraphy is more complex than previously suspected, with implications for the geometry of any potential intra-flowmagmatic sulphide deposits. Discordant alteration zones and stratiform sulphide occurrences within volcanic formations indicate that hydrothermal processes were active on the sea floor synchronous with volcanism.

Northern Superior Province

In 1999/00, Manitoba's Northern Superior initiative was in the4th year of a 5-year program. The objectives of this initiative are: 1) to identify regional exploration targets through new geochemical surveys and compilations of geophysical data derived from assessment files; and 2) to provide the geological framework for mineral exploration through regional mapping and thematic studies. This program has also been linked to the larger Western Superior NATMAP project that is focused on defining the crustal evolution and tectonic assembly of the Superior Province west of Lake Nipissing.

The regional multimedia geochemical sampling program continued in 1999 in the southern portion of the Knee Lake greenstone belt. Geochemical and mineralogical analysis of these samples will continue to build a multielement, multimedia database that will assist in the identification of potential exploration targets.

The geophysical compilation project continued in 1999 with release of a second report summarizing geophysical data for the northern Gods Lake area. Work will continue in 2000/01 on the Fox River Belt.

Regional (1:20 000 scale) bedrock mapping projects continued in 1999 in the Gods Lake and Max Lake areas, under the auspices of the Western Superior NATMAP project. Results of the multi-disciplinary mapping program in the Gods Lake Narrows area include:

- identification of a regional angular unconformity between the Hayes River Group metavolcanic rocks and the Oxford Lake sedimentary subgroup;
- the boundary between sedimentary and volcanic subgroups of the Oxford Lake Group is a shear zone;
- this shear zone is folded as a result of deformation associated with the southern, belt-bounding, Gods Lake Narrows shear zone; and
- the Munro Lake greenstone belt is separated from Knee Lake Belt by the Gods Lake Narrows shear zone and an older gneiss belt.

In the Max Lake area, a 1:20 000 scale mapping program was initiated in order to investigate the stratigraphy, structure and volcanic geochemistry of supracrustal rocks. This area was identified as having significant potential during the 1996 multimedia geochemical surveys. Large areas of recent burn revealed extensive outcrop displaying well-developed hydrothermal alteration zones. Preliminary results indicate that the best prospects for base metal or precious metal exploration include an alteration zone close to the northeast corner of MacVicar Lake, and related magnetiferous iron formations that display extensive surficial iron staining. Other potential targets include pyritic zones at the conjunction of the mafic volcanicterrane and gabbro intrusion at the south margin of the greenstone belt, and altered sulphide showings elsewhere at basalt/gabbro contacts.

Thematic studies in the northern Superior Province included:

1) structural mapping in the southeastern part of the Cross Lake greenstone belt (an M.Sc. thesis project at the University of Waterloo);
2) study of metallogenetic and petrogenetic features of Archean anorthosites and associated mafic and ultramafic rocks; and
3) geochemical and geochronological studies of Paleoproterozoic mafic and ultramafic dykes.

Southeastern Manitoba

Mapping activity in southeastern Manitoba is co-ordinated with the Western Superior NATMAP initiative and is focused primarily on updating existing mapping. In the western Rice Lake greenstone belt geochemical and geological investigations of volcanic rocks have been conducted in the Wanipigow Lake area. Mapping in the southeast Rice Lake greenstone belt was carried out in the Garner-Gem lakes area. The program is designed to: 1) define the nature of the boundary between the Garner Lake, Bidou Lake and the Gem Lake subgroups; 2) document the nature of the contact between felsic volcanic rocks and older sedimentary and mafic volcanic rocks to the north; and 3) document the extent of komatiitic basalts southeast of Beresford Lake. Results of 1999 mapping in the Garner-Gem area suggest that an early east-trending fault system is responsible for juxtaposition of Garner Lake, Gem Lake and Bidou subgroups.

Thematic studies concerning Cu-Ni-PGE potential of mafic-ultramafic intrusions in the Bird River greenstone belt continued in 1999. Mineral potential studies were conducted in the Mayville intrusion and Bird River Sill. Rock types and sulphide mineralization in the Mayville intrusion are very similar to those in the lower parts of anorthositic intrusions in central Ontario (East Bull Lake) that are currently the focus of significant exploration programs. In the southern Bird River Belt, field work began on a potential feeder structure to the Bird River Sill north of the Maskwa and Dumbarton nickel mines. Other parts of the Bird River Sill warrant additional investigation for reef-type PGE deposits based on favourable geology and the existence of several PGE-rich sulphide zones.

Sedimentary and Industrial Minerals Section

Southern and Central Manitoba

The GSB continues to promote exploration and development opportunities for specialty and non-metallic minerals, such as the potential for carbonate-hosted mineralization associated with reactivation along the Superior Boundary Zone (SBZ). Mesozoic black shales were sampled within the Porcupine Hills/Duck Mountain/Riding Mountain areas, along the trend of the SBZ. Evidence of potential hydrothermal alteration was noted at several localities overlying the SBZ.

Industrial mineral activities in 1999 covered a variety of commodities including dimension stone, bentonite, carving stone, kaolin, and garnet sand. In the spring of 1999 the Geological Survey of Canada completed a seismic survey in the Sylvan area, in an effort to delineate the geometry of kaolin deposits. Results are pending; however, initial data indicate these deposits form in distinct sinkholes rather than continuous channels.

The Manitoba Stratigraphic Map Series was updated, rendered in digital format and released along with the Manitoba Stratigraphic Database on CD-ROM in the spring of 1999. An update of this database is planned for early 2000 and will contain historical tops, detailed core descriptions and several updated and new maps prepared by Petroleum Branch.

The GSB is also involved in activities in the southern part of the province that are primarily related to land use in support of sustainable development. Mineral potential maps, for the northern half of the Capital Region study area, were released in March of 1999. The four maps comprising the southern half of the Capital Region study are now being prepared for release in 2000. In conjunction with bedrock mapping, the branch is also undertaking to update aggregate maps for the Capital Region. Aggregate maps for the R.M.'s of Rockwood and Springfield were updated recently in conjunction with development plans for those municipalities. Activity for 1999 also included updating sand and gravel maps for all remaining municipalities within the Capital Region area.

The GSB is involved in several large collaborative initiatives in the southern part of the province. The Winnipeg region NATMAP project, now in the 3rd year of a four-year program, is focused on 3-D mapping, emphasizing engineering and environmental geology and surficial mapping. Mapping of the Quaternary sediments in the study area is being extended into the subsurface using drillhole data including the Manitoba Stratigraphic Database and the water well database held by Water Resources Branch. Construction of a new digital elevation model (DEM) for the southern part of the province allows relatively accurate positioning of drill holes with respect to elevation. This outstanding DEM has drawn attention to many features not previously recognized and clearly identifies numerous applications that will be investigated in the future.

A multi-agency study of regional hydrogeology and hydrogeochemistry of the Red River Valley/Interlake region is now in its 3rd year. The program will develop an enhanced understanding of the dynamics of groundwater systems in the Red River Valley, resulting in better protection and management of existing resources within Manitoba and across the international boundary.

The GSB is participating in a multi-agency initiative to study the history, evolution, geomorphology and stratigraphy of the Red River and its sedimentary record, in an effort to define the historical frequency of large magnitude flood events. A better understanding of the relative impact of long-term climatic and geologic controls on flooding will help to identify the risk of recurrence of extremely large flood events.

Geoscience Information Services

The Geoscience Information Services section has conducted an extensive program of GIS-based map compilation at regional (1:250 000) and detailed (1:50 000) scales.

Digital maps at 1:250 000 have now been produced for approximately half of the province. Detailed compilation is focused on greenstone belts, with the Lynn Lake-Leaf Rapids region the initial target area. Publishing and data distribution is evolving to CD-ROM-based "electronic reports" and print-on-demand map publishing.

The Department has been working toward developing Internet map and data distribution capabilities. Government-wide changes to computer and network systems has delayed implementation of this technology; however, work is currently underway to bring this project online. One of the first projects to be posted to the Internet will provide online access to the mining claim structure, with a direct link to the claims database. Other projects currentlybeing developed include assessment file databases and mineral deposits.

Displays highlighting various aspects of Manitoba's geological potential were generated for several major conferences, such as the Prospectors and Developers Association of Canada (Toronto), Geological Association of Canada/Mineralogical Association of Canada (GAC/MAC) (Sudbury) and Cordilleran Roundup (Vancouver).

23-2(d) Geological Services

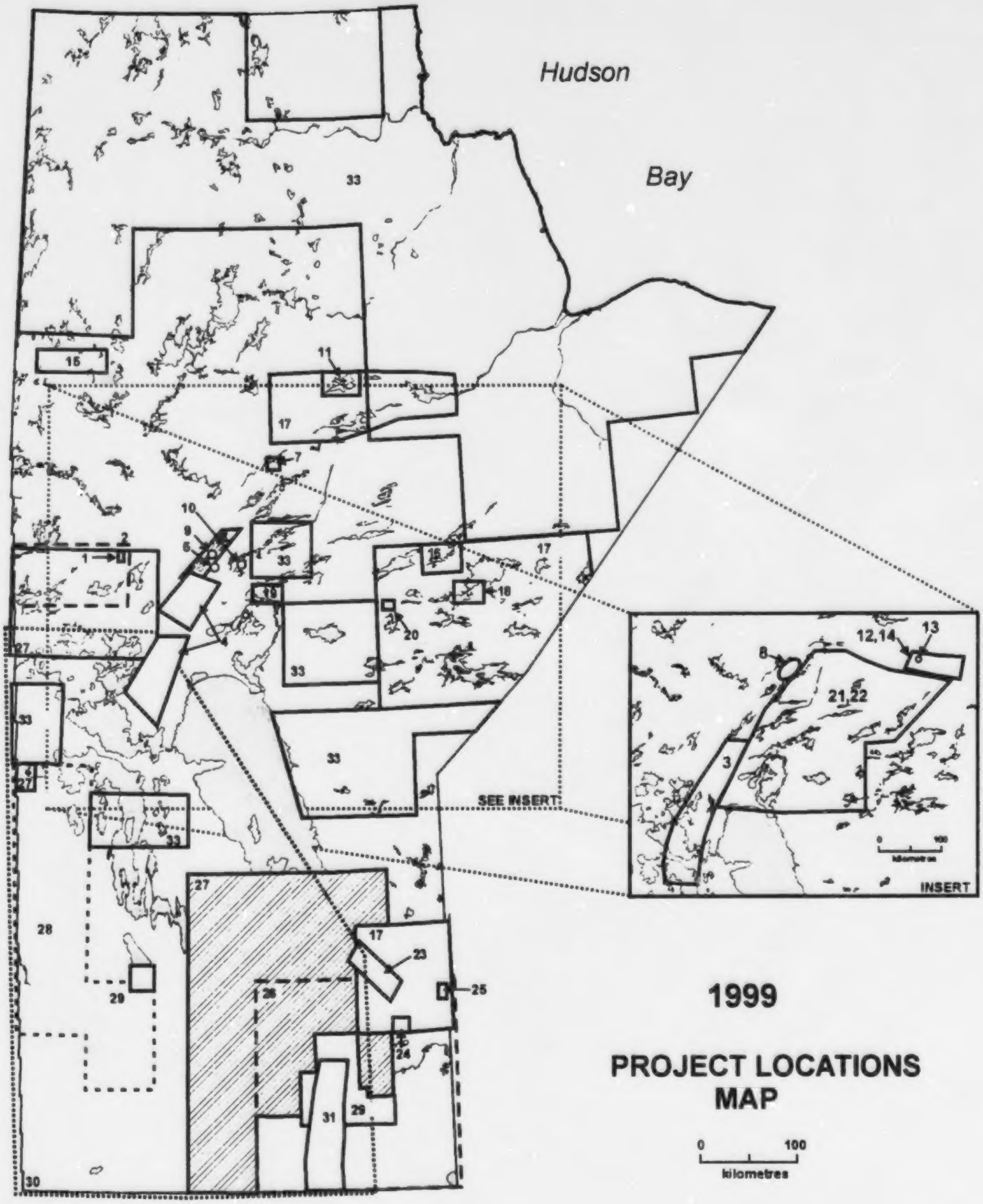
Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00		Variance Over (Under)	Expl. No.
		FTE	$		
Total Salaries & Employee Benefits	2,584.9	51.60	2,726.2	(141.3)	1
Total Other Expenditures	1,379.7		1,250.3	129.4	2
Total Expenditures	**3,964.6**	**51.60**	**3,976.5**	**(11.9)**	

Explanation Number:

1. *The under-expenditure is due to under-filling and vacant positions.*

2. *The over-expenditure is due to mineral exploration costs, which were higher than budgeted.*

LOCATION OF PROJECTS 1999/2000


Hudson
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PROJECT LOCATIONS
MAP
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Map Legend

Location of Projects 1999/00

Flin Flon - Snow Lake

1 Geology of Paleoproterozoic volcanic rocks in the Squall-Varnson lakes area, Snow Lake, Flin Flon Belt (part of NTS 63K/16)

2 The application of rare earth element analyses in the exploration for volcanogenic massive sulphide type deposits in Manitoba

Thompson Nickel Belt, Superior Boundary Zone, Fox River Belt

3 The Thompson Nickel Belt Project: synopsis of activities

4 Thompson Nickel Belt Project: progress on a new compilation map of the Thompson Nickel belt (parts of NTS 63G, 63J, 63O and 63P)

5 Thompson Nickel Belt Project: retrieval of the diamond drill core from Falconbridge's Bucko exploration site near Wabowden (parts of NTS 63J, 63O and 3P)

6 Mapping in the Setting Lake area (parts of NTS 63J/15 and 63O/1, 63O/2)

7 Geological investigations in the Mystery Lake area (NTS 63P/13)

8 Tectonic history of the waning stages of the Trans-Hudson Orogen: paleomagnetic data for the 1836 Ma Mystery Lake Pluton from the Churchill-Superior Boundary Zone (NTS 63P/13)

9 Structure of Ospwagan Group turbidite at Setting Lake (NTS 63-O/2)

10 Bear Island mafic dike (NTS 63J/16)

11 Progress report on the northwest Superior Province boundary project

12 The Fox River Belt Project (parts of NTS 53M/16 and 53N/13)

13 Lithostratigraphic framework for PGE-Cu-Ni sulphide mineralization in the Marginal Series of the Fox River Sill (parts of NTS 53M/16 and 53N/13)

14 Volcanic stratigraphy of selected sections on the Fox and Stupart rivers, Fox River greenstone belt (parts of NTS 53M/16 and 53N/13)

Lynn Lake

15 Preliminary structural analysis and gold metallogeny of the Johnson Shear Zone, Lynn Lake greenstone belt (parts of NTS 64C/10, 64C/11 and 64C/15)

Northern Superior

16 Operation Superior: Multimedia geochemical surveys in the Knee Lake greenstone belt, northern Superior Province, Manitoba (NTS 53L)

17 Western Superior NATMAP: Exploring the evolution of Archean continental and oceanic domains

18 Geological investigations in the Gods Lake Narrows area (parts of NTS 53L/9 and 53L/10)

19 Structural study of the southeastern part of the Cross Lake greenstone belt, Manitoba

20 Geology of the Max Lake SE area (parts of NTS 53L/5NW, 53L/12SW)

21 Summary of metallogenetic and petrogenetic features of Archean anorthosites and associated mafic and ultramafic rocks in the Superior Province, Manitoba

22 Field, geochemical and geochronological studies of Paleoproterozoic mafic and ultramafic dykes in the northwestern Superior Province

Southeast Manitoba

23 Geochemical sampling and geological reconnaissance of the western Rice Lake greenstone belt (part of NTS 62P/1)

24 Field and lithogeochemical investigations of mafic and ultramafic rocks and associated Cu-Ni-PGE mineralization in the Bird River greenstone belt (part of NTS 52L/5 and 52L/6)

25 Reassessment of major geologic boundaries in the southeast Rice Lake greenstone belt (NTS 52L/14)

Southern Manitoba

26 Geology of the Winnipeg Region NATMAP Project (NTS 62H/W, 62I and 52L/W)
27 Industrial minerals investigations and corehole drilling program 1999
28 Cretaceous black shale investigations in the northern part of the Manitoba escarpment (parts of NTS 62J/W, 62K/N, 62N/E and 63C/W)
29 Updating aggregate maps in the R.M. of Ochre River and the capital region
30 Products of the Manitoba Stratigraphic Database, 1999
31 Tree rings into the next miliennium!

Manitoba General

32 Geoscience Information Services projects
33 Manitoba's Protected Areas initiative: assessment of mineral potential in selected areas of special interest

MINERAL INDUSTRY SUPPORT PROGRAMS

MINERAL EXPLORATION ASSISTANCE PROGRAM

The Mineral Exploration Assistance Program (MEAP) provides financial assistance to eligible companies or individuals who undertake mineral exploration in Manitoba. The program, established in the fall of 1995, aims to increase exploration and stimulate activities that may lead to the development of new mines. Companies/individuals may qualify for 25% - 35% of eligible exploration expenditures up to a maximum of $400,000.00 per recipient, per fiscal year; depending on the area of exploration. A higher percentage of assistance is offered for projects undertaken in the Northern Superior region of the province, due to remoteness and limited infrastructure. In response to difficult times brought on by the downturn in the mineral industry, MEAP has extended the higher percentage of assistance on eligible expenditures to include the Lynn Lake/Leaf Rapids area. The number of offerings held per fiscal year was also changed from one to two offerings.

Companies with approved projects under the April 1999 offering had until October 31, 1999 to complete their work, and approved projects under the November 1999 offering had until March 31, 1999 to complete their work. Twenty-six of the original 42 approved projects were completed.

Reviews, Audits and Inspections

To ensure accountability and integrity of the Program, the Department continued to conduct audits and inspections following guidelines developed with the Provincial Internal Audit office. In 1999/00 fiscal year, MEAP selected nine completed projects from the 1998/99 fiscal year, totaling $400,627.00 or 23% of the paid assistance funds for audit. All of the audits were conducted in December 1999. For the 1999/00 fiscal year, 19 site inspections for projects representing over $1.4 million or 42% of the allocated assistance have been competed.

Program Highlights from October 1995 to March 31, 2000

- 69 companies have participated under MEAP representing 186 exploration projects.
- 37 of the 69 companies are considered new to Manitoba including six joint venture partners.
- Of the 69 active companies, 11 are major exploration companies and 58 are junior companies (note: a company is considered a major exploration company if its market capitalization is greater than $100 million).
- $ 8.3 million of assistance has been issued to 186 completed projects.
- $37.9 million in exploration expenses have been reported.
- Reported exploration expenditures under the Program indicates every $1 million in assistance paid generates $4.6 million in exploration expenditures.

Mineral Exploration Assistance Program 1999/00 Status

Offering	Applications Received	Approved Applications	Proposed Exploration $ in 000's	Assistance $ Allocated in 000's	Projects Completed	Actual Exploration $ in 000's	Assistance $ Paid
99-04-01	23	20	4,689.2	1,100.0	13	1,785.4	497.6
99-11-01	42	22	8,691.1	2,253.4*	13	3,609.0	1,023.5
TOTAL	**65**	**42**	**13,380.3**	**3,353.4**	**26**	**5,394.4**	**1,521.1**

* Includes $603,380.12 of lapsed funds which were reallocated from the April 1999 offering.

Note: Projects approved under the November 1999 offering have until June 14, 2000 to file final reports and make application for final payment. Review of applications for payment may not be complete at time of printing this report.

Results of Assistance by General Region of Exploration for 1999/00

	Projects		Exploration $ in 000's		Assistance $ in 000's	
Northern Superior	6	(23.1%)	$952.7	(17.7%)	$309.7	(20.4%)
Flin Flon/Snow Lake	5	(19.2%)	$1,235.6	(22.9%)	$306.7	(20.2%)
Lynn Lake/Leaf Rapids	3	(11.5%)	$321.8	(6.0%)	$108.4	(7.1%)
Southeastern Manitoba	6	(23.1%)	$831.8	(15.4%)	$289.5	(19.0%)
South Central Manitoba	2	(7.7%)	$141.3	(2.6%)	$35.3	(2.3%)
Thompson Nickel Belt & Extension	4	(15.4%)	$1,911.2	(35.4%)	$471.5	(31.0%)
TOTAL	**26**		**$5,394.4**		**$1,521.1**	

23 -3(a) Mineral Exploration Assistance Program

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Grants	1,521.1		2,750.0	(1,228.9)	1
Total Expenditures	**1,521.1**		**2,750.0**	**(1,228.9)**	

Explanation Number:

1. *The under-expenditure resulted from incomplete and cancelled projects. Factors include market conditions, company restructuring, legal complication and unfavourable weather conditions.*

MANITOBA POTASH PROJECT

As partners in the Manitoba Potash Corporation, Potamine Potash Mining of Canada Inc. and the Province of Manitoba hold the development rights to known reserves in the Russell-Binscarth area of southwest Manitoba. The Manitoba Potash Project has sufficient mineable reserves to sustain a world class potash mining and processing operation for over 25 years. Potamine is controlled by Entreprise Minière et Chimique (EMC) of France. The EMC Group is one of the world's leading potash trading companies with extensive experience in the production and marketing of potash.

During this fiscal year, the department continued its efforts to market the sale of Manitoba's 49% interest in the Manitoba Potash Project by seeking out potential investors.

23 -3(c) Manitoba Potash Project

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Total Other Expenditures	191.1		175.6	15.5	
Total Expenditures	**191.1**		**175.6**	**15.5**	

ACID RAIN ABATEMENT PROGRAM - FLIN FLON

This program provides financial assistance to Hudson Bay Mining and Smelting Co., Limited for the construction of environmental improvements to the metallurgical plant at Flin Flon. Modernization of the plant resulted in containment of sulphur dioxide emissions within prescribed limits.

We continued to monitor the exploration commitments by HBM&S, and we administered the ancillary loan agreement between Manitoba and Saskatchewan.

23 -3(d) Acid Rain Abatement Program – Flin Flon

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Other Expenditures	816.2		262.5	553.7	1
Total Expenditures	**816.2**		**262.5**	**553.7**	

Explanation Number:

1. *The over-expenditure is interest costs, which were higher than budgeted.*

SPECIALTY MINERALS INCENTIVE PROGRAM (SMIP)

The Specialty Minerals Incentive Program commenced on August 3, 1999 and has been allocated $250,000.00 for each of two fiscal years ending March 31, 2001. The program is designed to assist specialty mineral companies evaluate the economic potential of existing mineral deposits and market those resources more effectively. In consideration that the Mineral Exploration Assistance Program will accommodate grassroots mineral exploration, the Specialty Minerals Incentive Program will provide financial assistance towards eligible expenses that may include consultant contract fees for the preparation of marketing studies, process flowsheets or business plans, definition drilling, geochemical analysis, bulk testing, metallurgical studies related to the testing of the commodity and certain administrative costs. It is anticipated that this program will serve specialty mineral producers in Manitoba as well as new producers attempting to establish in Manitoba. In 1999, six proposals were received and two were approved for funding.

23 -3(e) Specialty Minerals Incentive Program

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Grants	31.3		250.0	(218.7)	1
Total Expenditures	**31.3**		**250.0**	**(218.7)**	

Explanation Number

1. The under-expenditure was due to the late start-up and under-utilization of the Program.

MANITOBA PROSPECTORS ASSISTANCE PROGRAM

The Manitoba Prospectors Assistance Program (MPAP) offers grants to prospectors exploring on either their own Manitoba properties or open Crown mineral land. It is targeted at increasing mineral exploration in Manitoba to help replenish declining ore reserves. The Program is funded at $125,000 per year and allows individual prospectors to qualify for up to 50% of their prospecting expenditures incurred up to a maximum of $7,500 per prospector per year.

In 1999/2000 the Program received 30 applications for grants; 24 prospecting projects were approved under the program and 20 were completed. The total amount of Program funds dispersed for 1999/2000 was $82,630.39.

23 -3(f) Manitoba Prospectors Assistance Program

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Grants	87.1		125.0	(37.9)	
Total Expenditures	**87.1**		**125.0**	**(37.9)**	

AMORTIZATION OF CAPITAL ASSETS

Commencing in 1999/2000, it is the policy of the Province of Manitoba to record in the accounts of the Province, the tangible capital assets owned and used by the Province along with appropriate amortization costs. The Provincial Comptroller has established standard asset classes, along with capitalization thresholds and corresponding amortization rates. Consistent with this policy, this sub-appropriation records the costs associated with the amortization of the Department's share of the total estimated costs of the Desktop Management Initiative and Enterprise System Management allocated to the Department. In the case of Desktop, based on units acquired by the Department as a percentage of total units acquired by the Province and, in the case of Enterprise System Management, by projected departmental used. A small amount is also included for the amortization of other departmental assets.

23-4(a) Amortization of Capital Assets

Expenditures by Sub-Appropriation	Actual 1999/00 $	Estimate 1999/00 FTE	Estimate 1999/00 $	Variance Over (Under)	Expl. No.
Amortization of Capital Assets	170.4		176.4	(6.0)	
Total Expenditures	**170.4**		**176.4**	**(6.0)**	

MINERAL RESOURCES

Reconciliation Statement

DETAILS	1999/2000 ESTIMATES
1999-00 MAIN ESTIMATES	14,630.1
ALLOCATION OF FUNDS TO:	
- Department of Aboriginal and northern Affairs	(313.3)
- Department of Conservation	(2,207.2)
1999-00 ESTIMATE	12,109.6

Mineral Resources
Expenditure Summary by Appropriation
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous fiscal year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	23-1 Administration and Finance				
13.5	(a) Minister's Salary	13.5	13.1	0.4	
	(b) Executive Support				
37.4	Other Expenditures	37.4	49.0	(11.6)	
	(c) Financial and Administrative Services				
810.1	Salaries	860.8	675.2	185.6	1
165.2	Other Expenditures	158.9	132.0	26.9	
1,026.2	**Total 23-1**	**1,070.6**	**869.3**	**201.3**	
	23-2 Energy and Mineral Resources				
	(a) Marketing				
850.5	Salaries	818.1	736.2	81.9	2
475.4	Other Expenditures	512.5	433.4	79.1	3
	(c) Mines				
1,444.5	Salaries	1,450.7	1,419.1	31.6	
597.0	Other Expenditures	597.0	530.1	66.9	
0.0	Mines site Cleanup	5,000.0	0.0	5,000.0	4
	(d) Geological Services				
2,726.2	Salaries	2,584.9	2,466.0	118.9	5
1,250.3	Other Expenditures	1,379.7	1,309.7	70.0	
7,343.9	**Total 23-2**	**12,342.9**	**6,894.5**	**5,448.4**	

Mineral Resources

Expenditure Summary by Appropriation

For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous fiscal year)

Estimate 1999/00 $	Appropriation	Actual 1999/00 $	Actual 1998/99 $	Increase (Decrease) $	Explanation Number
	23-3 Mineral Industry Programs				
2,750.0	(a) Mineral Exploration Assistance Program	1,521.1	1,821.4	(300.3)	6
175.6	(c) Manitoba Potash Project Expenditures	191.1	196.6	(5.5)	
262.5	(d) Acid Rain Abatement Program - Flin Flon	816.2	5,453.4	(4,637.2)	7
250.0	(e) Specialty Minerals Incentive Program	31.3	0.0	31.3	8
125.0	(f) Manitoba Prospectors Assistance Program	87.1	0.0	87.1	9
3,563.1	**Total 23-3**	**2,646.8**	**7,471.4**	**(4,824.6)**	
	23-4 Amortization of Capital Assets				
176.4	(a) Amortization of Capital Assets	170.4	0.0	170.4	10
176.4	**Total 23-4**	**170.4**	**0.0**	**170.4**	
12,109.6	**TOTAL FOR MINERAL RESOURCES**	**16,230.7**	**15,235.2**	**995.5**	

Mineral Resources
Expenditure Summary Explanations

Explanation Number

1. *The variance is due to vacant positions in 1998/99 and over-filled positions in 1999/00.*

2. *The variance is due to vacant positions in 1998/99.*

3. *General operating expenditures were higher in 1999/00 over 1998/99.*

4. *The variance is due to the Province's obligation at the Ruttan Mine Site. An allowance has been established in 1999/2000 representing the province's estimated liability for environmental clean-up costs at the mine-site. There was no comparable expenditure in 1998/99.*

5. *The variance is due to summer students, overtime and, position over-filling expenditures. These costs were higher in 1999/00 over 1998/99.*

6. *Expenditures in 1999/00 were lower than 1998/99 due to a larger number of projects being withdrawn/cancelled or coming in under budget.*

7. *The variance is due to a loan renegotiation in 1998/99. There was no comparable expenditure in 1999/2000.*

8. *The program commenced in 1999/00. There was no comparable expenditure in 1998/99.*

9. *The program commenced in 1999/00. There was no comparable expenditure in 1998/99.*

10. *Commencing in 1999/2000, the Province of Manitoba recorded amortization on capital assets. There was no comparable expense in 1998/99.*

Mineral Resources
Revenue Summary by Source
For Fiscal Year Ended March 31, 2000 (with comparative figures for the previous year)

Actual 1998/99 $	Actual 1999/00 $	Increase (Decrease) $	Source	Actual 1999/00 $	Estimate 1999/00 $	Variance $	Explanation Number
			Current Operating Programs:				
			Other Revenue				
2,560.5	2,663.1	102.6	(a) Mineral Royalties & Fees	2,663.1	2,535.1	128.0	
754.4	568.2	(186.2)	(b) Sundry	568.2	615.0	(46.8)	1
3,314.9	3,231.3	(83.6)	Sub-Total	3,231.3	3,150.1	81.2	
3,314.9	3,231.3	(83.6)	TOTAL REVENUE	3,231.3	3,150.1	81.2	

Explanation Number:

1. *(186.2)* *Decrease Actual vs Actual*
The decrease in revenue is related to the Farley Lake Royalty Agreement. Production declined from 56,912 ounces of gold at $292.00per ounce in 1998/99 to 45,060 ounces at $278.00 per ounce in 1999/00.

Mineral Resources
Five-Year Expenditure and Staffing Summary by Appropriation ($000s)
For Five Years Ended March 31, 1996 - March 31, 2000

	Actual/*Adjusted Expenditures									
	1995-96		1996-97		1997-98		1998-99		1999-2000	
Appropriation	FTE	$	FTE	$	FTE	$	FTE	$	FTE	$
Administration & Finance	9.90	747.5	12.50	741.2	12.65	757.1	12.96	869.3	14.88	1,070.6
Mineral Resources	96.06	6,466.2	97.36	6,830.9	98.50	6,928.3	99.10	6,894.5	95.29	12,342.9
Mineral Industry Support Programs		2,002.4		5,637.2		2,675.2		7,471.4		2,646.8
Amortization of Capital Assets **								0.0		170.4
TOTAL OPERATING	105.96	9,216.1	109.86	13,999.9	111.15	10,360.6	112.06	15,235.2	110.17	16,230.7
Expenditures Related to Capital										
TOTAL	105.96	9,216.1	109.86	13,209.3	111.15	10,360.6	112.06	15,235.2	110.17	16,230.7

* - Adjusted figures reflect historical data on a comparable basis in those appropriations affected by reorganizations during the five years.

** - Change in Government policy regarding capital assets and amortization effective 1998/99.

APPENDIX A

ASSOCIATED AGENCIES

THE MANITOBA DESIGN INSTITUTE

The Manitoba Design Institute was established by an Act of the Legislative Assembly in 1963. The Institute had no operating budget or staff in 1999/00.

THE MANITOBA DEVELOPMENT CORPORATION

The Manitoba Development Corporation provides loans and loan guarantees under Part 2, The Development Corporation Act. MDC tables its annual financial statements under separate cover with the Manitoba Legislature.

THE MANITOBA TRADE AND INVESTMENT CORPORATION

The Manitoba Trade and Investment Corporation (Manitoba Trade and Investment) was established in 1974 as the Manitoba Trading Corporation to encourage, develop and increase trade between Manitoba and the world. The Manitoba Government's ***"Framework for Economic Growth"*** released in 1993 directed the Corporation to act as the focal point for all export activities. The Corporation can utilize a variety of government and private sector resources to achieve its objectives. The Corporation is administered by the Manitoba Trade and Investment Marketing Branch of the Department of Industry, Trade and Mines and reports to a board of directors. The Corporation tables an annual report under separate cover with the Manitoba legislature.

THE CO-OPERATIVE ASSOCIATIONS LOANS AND LOANS GUARANTEE BOARD

Under the Co-operative Associations Loans and Loans Guarantee Act the Co-operative Loans and Loans Guarantee Board is empowered to make loans or quarantee loans to co-operative organizations in Manitoba. A major objective is to ensure that co-operative organizations have access to basic financial services necessary for the development and expansion of viable enterprises to maximize the benefits of economic activity. The Board tables an annual report under separate cover with the Manitoba legislature.

THE CO-OPERATIVE PROMOTION BOARD

The mandate of The Co-operative Promotion Board is to assist in the development of co-operative organizations; to promote the general welfare of co-operative organization and rural residents; and, to make recommends with respect to co-operative organizations and related legislation. The Board tables an annual report under separate cover with the Manitoba legislature.

APPENDIX B

FINANCIAL INFORMATION

Industry Development and Trade

Summary of Business Assistance

1999 – 2000 Fiscal Year

ASSOCIATION CONTRIBUTIONS	40,625.00
ECONOMIC DEVELOPMENT	1,023,900.00
ECONOMIC INNOVATION AND TECHNOLOGY FUND	2,968,100.82
FEASIBILITY PROJECTS/STUDIES	158,227.04
FORE GIVEABLE LOANS	507,854.81
MANITOBA CENTRES OF EXCELLENCE FUND	365,000.00
MANITOBA HEALTH RESEARCH INITIATIVE	3,000,000.00
MANITOBA HORSE RACING COMMISSION	36,500.00
MARKETING PLAN PROGRAM	81,109.20
NEW BUSINESS ASSISTANCE - TECHNOLOGY	479,977.27
SCIENCE FAIRS AND SYMPOSIUMS	6,850.00
SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT	30,000.00
SPECIAL ASSISTANCE	1,014,797.76
TRADE ASSISTANCE PROGRAM	142,058.65
TOTAL	**$ 9,855,000.55**

APPENDIX C

FINANCIAL INFORMATION

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

ASSOCIATION CONTRIBUTIONS

Manitoba Call Centre Association	35,625.00
Royal Winnipeg Ballet	5,000.00
	$ 40,625.00

ECONOMIC DEVELOPMENT

Economic Innovation And Technology Council	1,023,900.00
	$ 1,023,900.00

ECONOMIC INNOVATION AND TECHNOLOGY FUND

Economic Innovation And Technology Fund	2,968,100.82
	$ 2,968,100.82

FEASIBILITY PROJECTS/STUDIES

Aventrex Inc	15,650.00
Canada Compound Western Ltd	14,750.00
Cormer Group Industries Inc	3,416.49
Credo Entertainment Corp	8,917.05
Emerson Milling Inc	11,100.00
Gateway Publishing Co Ltd	1,624.75
Gossan Resources Ltd	12,500.00
Krave's Candy Co	7,500.00
Lester's Premium Foods Ltd	25,000.00
Manitoba Museum Of Man & Nature	12,500.00
Mccuaig Solutions Corp	7,500.00
Roastwell International Inc	24,750.00
Springhill Farms	9,032.50
Winnipeg Machine Works Ltd	3,986.25
	$ 158,227.04

FORGIVEABLE LOANS

Fine Line Communications Ltd.	57,854.81
Gage Marketing Group	450,000.00
	$ 507,854.81

FINANCIAL INFORMATION

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

MANITOBA CENTRES OF EXCELLENCE FUND

University Of Manitoba, Centres Of Excellence Fund	365,000.00
	$ 365,000.00

MANITOBA HEALTH RESEARCH INITIATIVE

Cancercare Manitoba	209,629.00
Children's Hospital Foundation Of Manitoba	121,200.00
Health Sciences Centre Research Department	598,273.00
St Boniface Hospital Research Centre	733,924.00
University Of Manitoba	1,336,974.00
	$ 3,000,000.00

MANITOBA HORSE RACING COMMISSION

Manitoba Horse Racing Commission	36,500.00
	$ 36,500.00

MARKETING PLAN PROGRAM

3115658 Manitoba Ltd	1,000.00
Acrylon Plastics	500.00
Alphair Ventilating Systems Inc	2,000.00
Argus Industries	1,575.00
Automotive Financial Solutions	1,000.00
Big Deal Custom Casings	2,000.00
Bonafide Clothing Co	1,000.00
C A T Contract Services Ltd	1,000.00
Camco Industries Ltd	1,400.00
CDS Technologies	1,768.00
Champ Stainless	2,000.00
Clearpoint Industries Inc	1,346.00
Cole Wire Products	2,000.00
Country Woodshed	1,000.00
Cros-Can Industries Ltd	1,000.00
Curtis Ridge Farms	1,299.25
Custom Castings Ltd	1,000.00
Custom Steel Manufacturing Ltd	2,000.00
DGH Engineering Ltd	570.00

FINANCIAL INFORMATION

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

Down To Earth Clothing Company Ltd	1,000.00
Dynamic Machine Corporation	1,000.00
Echo Bay Company Ltd	2,000.00
Eli Promotions Inc	2,000.00
Engineered Power Components Ltd	1,000.00
FIA Inc	1,000.00
Fort Garry Brewing Company Ltd	1,000.00
Fresh Hemp Foods Ltd	1,500.00
Frontier Refrigeration & Air Conditioning	500.00
Gecko Massage Supply Co	717.50
Great Performance Products	1,000.00
Hand Crafter	1,000.00
Holz Constructors Inc	325.00
Hoof Beats Equestrian Art	742.00
I C E Marketing & Consulting Ltd	260.00
Infocorp Computer Solutions Ltd	1,000.00
Interfact	750.00
Kids Web TV Inc	2,000.00
Kisik Marketing & Communications Ltd	1,000.00
Lemax Corporation	1,000.00
Little Dust Sawmills	1,675.00
Manntec	1,000.00
Manrex Ltd	2,000.00
Mesh Technologies Inc	2,000.00
Metro Trailer Sales	1,000.00
Minic Industries Ltd	1,000.00
Momentum Health Information Systems	1,000.00
Outboard Rebore Inc	1,000.00
Outlook Market Research & Consulting	934.50
P S Nevile & Associates	1,000.00
Patient Puppets Inc	1,000.00
Pendor Communications	500.00
Pettersen Infant Products Inc	1,000.00
Plastic Buddha Design Inc	250.00
Precision 2000 Ltd	1,000.00
Pridewear Canada	885.45
Pritchard Engineering Co Ltd	1,400.00
Pro-Tek Coatings Ltd	2,000.00
Quadivator Inc	1,000.00

Industry Development and Trade

List of Business Assistance

1999 - 2000 Fiscal Year

Rathwell Hardware	750.00
Regal Furniture Mfg	2,000.00
Reiss Fur Company Ltd	1,000.00
RKR Coatings Ltd	1,000.00
Safety Centre Ltd	1,000.00
Saxon Leather Ltd	1,000.00
Shippam And Associates Inc	2,000.00
Standard Manufacturers Services Ltd	2,000.00
Sunshine Records Ltd	1,000.00
Westman Plastics Ltd	461.50
Xpressions Embroidery	1,000.00
	$ 81,109.20

NEW BUSINESS ASSISTANCE - TECHNOLOGY COMMERCIALIZATION

3448746 Canada Ltd	36,183.17
Abject Modernity Internet Creations Inc	31,892.92
Accufast Inc	29,464.56
Accurate Dorwin Company	9,914.38
Acrylon Plastics	38,210.40
Agassiz Brewing Company Ltd	22,989.00
Arne's Welding Ltd	6,500.00
Cal-Law (1992) Ltd	10,800.00
Daher Manufacturing Inc	21,485.03
E J B Holdings Inc	37,864.32
Engineered Power Components Ltd	6,708.90
Gateway Bookbinding Systems Ltd	3,750.00
Hi-Qual Manufacturing Ltd	26,969.40
Hollco International Inc	1,000.00
Ingenuity Com Inc	17,039.70
Minic Industries Ltd	35,500.00
OMT Technologies Inc	8,508.38
One Putt Trading Co Ltd	6,160.00
Pro Technology International Ltd	14,584.46
Riverbend Millwork & Fixtures Ltd	1,512.88
Snotow Inc	10,510.00
Sunridge Forage Ltd	16,500.00
Unies Ltd	3,617.76
Vansco Electronics Ltd	40,368.77

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

Vidir Machines Ltd	8,102.99
Warehouse One Ltd	31,000.00
Winnipeg Street Solutions Inc	2,840.25
	$ 479,977.27

SCIENCE FAIRS AND SYMPOSIUMS

Manitoba Schools Science Symposium	2,000.00
Northern Manitoba Regional Science	2,000.00
Provincial Science Olympics	850.00
Western Manitoba Science Fair	2,000.00
	$ 6,850.00

SMALL BUSINESS AND ENTREPRENEURIAL DEVELOPMENT

Manitoba Marketing Network Inc	30,000.00
	$ 30,000.00

SPECIAL ASSISTANCE

A C Lane Consulting Inc	2,368.95
Access Training Centre	20,000.00
Arts And Cultural Industries Training Plan Development Team	10,000.00
Asia Pacific Foundation Of Canada	46,250.00
Assiniboine Clothing Company	7,027.01
Cambrian Stone Ltd	25,000.00
Churchill Northern Studies Centre	2,731.24
Discretionary Grant - Operating	2,000.00
Dufferin (Carman) Agricultural Society	1,750.00
Economic Development Authority Of Whiteshell	150,000.00
Economic Development Council	25,000.00
Gossan Resources Ltd	4,500.00
Internal Trade Secretariat	17,142.00
Invest Manitoba	23,429.00
Kor Product Design Inc	28,281.72
Manitoba Call Centre Association	9,500.00
Manitoba Horse Racing Commission	6,091.72
Manitoba Innovation Network	151,372.12
Other - Professional Services	10,000.00
TR Labs	470,000.00

FINANCIAL INFORMATION

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

Winnport Air Cargo	2,354.00
	$ 1,014,797.76
TRADE ASSISTANCE PROGRAM	
Abject Modernity Internet Creations Inc	3,000.00
Acrylon Plastics	1,875.00
Adamen Inc	3,000.00
All Canadian Emblem Corporation	3,000.00
Big Deal Custom Casings	3,000.00
Bouchard Livestock International	2,500.00
Brawd Mfg Inc	3,000.00
Cancade Company Ltd	3,000.00
Cangene Corp	3,000.00
Central Canadian Genetics Ltd	2,500.00
Controlled Environments Ltd	3,000.00
Country Lane Candle Supplies	2,900.00
Custom Castings Ltd	3,000.00
Custom Steel Manufacturing Ltd	3,000.00
Decker Manufacturing Ltd	2,650.00
Designed Genetics Inc	2,625.00
Discovery Canada Merchandisers Ltd	3,000.00
Ecological Chambers Inc	3,000.00
Eli Promotions Inc	3,000.00
Encore Business Solutions Inc	3,000.00
Enduron/Custom Inc	3,000.00
Environmental Waste Reduction & Management (Manitoba) Ltd	450.00
H H C Mobility Inc	2,342.00
Hilary Druxman Design Inc	3,000.00
I C E Marketing & Consulting Ltd	1,200.00
Kodiak Industries Ltd	3,000.00
Kraus Industries Ltd	3,000.00
Manrex Ltd	3,000.00
Mass Solutions	2,000.00
Mercury Specialty Products	5,000.00
Motus Inc	3,000.00
National Pet Cages Inc	2,170.00
Pace Setter Sportswear Inc	3,000.00
Pettersen Infant Products	3,000.00

FINANCIAL INFORMATION

Industry Development and Trade
List of Business Assistance
1999 - 2000 Fiscal Year

Postime Inc	2,500.00
Prairie Habitats Inc	1,340.00
Prairie Pacific Sales & Marketing	2,235.00
Pritchard Engineering Co Ltd	3,000.00
Ritz Machine Works Inc	3,000.00
RKR Coatings Ltd	888.00
Rosehill Woodcrafters Ltd	800.00
Saxon Leather Ltd	2,700.00
Schwartz Sausage Company Inc	2,500.00
Scoot Around North America	3,000.00
Shippam And Associates Inc	2,000.00
Siltex Mills	3,000.00
Snotow Inc	1,892.00
Sunnex Biotechnologies	1,757.40
Superior Finishes Inc	1,700.00
Superior Harvest Foods Inc	2,200.00
Tasty Seeds Ltd	2,250.00
Todd Industries Ltd	187.25
Wanda Koop Fine Art Reproductions	3,000.00
Weigh Easy	1,276.00
Western Grain Dryer Inc	750.00
Westman Plastics Ltd	2,871.00
Wolf Products Ltd	3,000.00
	$ 142,058.65
TOTAL	**$ 9,855,000.55**

APPENDIX D

FINANCIAL INFORMATION

Mineral Resources
Summary of Mineral Financial Assistance
1999 - 2000 Fiscal Year

MINERAL EXPLORATION ASSISTANCE PROGRAM	1,521,110.19
SPECIALTY MINERALS INCENTIVE PROGRAM	31,241.00
MANITOBA PROSPECTORS ASSISTANCE PROGRAM	87,079.09
TOTAL	**$ 1,639,430.28**

APPENDIX E

FINANCIAL INFORMATION

Mineral Resources
List of Mineral Financial Assistance
1999 - 2000 Fiscal Year

MINERAL EXPLORATION ASSISTANCE PROGRAM (MEAP)	
Avalon Ventures Ltd.	12,478.25
Bell Resources Corporation	70,000.00
Callinan Mines Limited	99,715.68
Canmine Resources Corporation	71,233.10
Dawson Bay Minerals Inc.	15,000.00
Exploratus Elementis Diversis Ltd.	21,117.70
Falconbridge Limited	301,696.97
Craig Harvey	8,001.53
Hudson Bay Exploration and Development Company Limited	122,696.26
Marksmen Resources Ltd.	34,336.16
Montello Resources Ltd. & Kennecott Canada Explorations	138,264.10
Nuinsco Resources Limited	98,518.79
Peter Dunlop	19,289.31
Phelps Dodge Corporation of Canada Ltd.	18,639.18
Pioneer Metals Corporation	40,837.50
San Gold Resources Corporation	35,000.00
Thundermin Resources Inc.	71,143.32
Torch River Mines Ltd.	58,647.38
Tudale Exploration Ltd.	63,364.31
Tulsa Resources Limited	20,332.70
Union Gold Inc.	17,739.24
Wolfden Resources Inc.	183,058.71
	$ 1,521,110.19

FINANCIAL INFORMATION

Mineral Resources
List of Mineral Financial Assistance
1999 - 2000 Fiscal Year

SPECIALTY MINERALS INCENTIVE PROGRAM (SMIP)

Cambrigan Stone Inc.	$ 31,241.00
	$ 31,241.00

MANITOBA PROSPECTORS ASSISTANCE PROGRAM (MPAP)

Brown, James	2,868.80
Busch, Dave	7,500.00
Chaboyer, Emil	7,500.00
Conley, W.J.	969.63
De Graff, Ken	6,679.21
Delorme, David	7,254.32
Dunlop, Anne	3,795.82
Dunlop, Peter	7,500.00
Fogwill, Douglas	1,329.79
Kuran, William	7,500.00
Lee, John	4,945.00
Murray, Brian (2)	7,500.00
Murray, Bruce	2,724.26
Paupanekis, Howard	4,748.89
Royer, Guy (2)	7,167.64
Sellers, Fred	3,118.92
Westdal, Harold	1,686.74
Ziehlke, Dan	2,290.07
	$ 87,079.09
TOTAL	**$ 1,639,430.28**

APPENDIX F

DEPARTMENTAL PUBLICATIONS

Technical Publications

Open File Report OF94-3 (Supplement)	Sub-Paleozoic structure in Manitoba's northern Interlake along the Churchill Superior Boundary Zone / R.K. Bezys
Open File Report OF99-7	Summary of geophysical data from open assessment files of the northern portion of the Gods Lake area, Manitoba: volume 2 (NTS 53L, 53M, 53N and 63P) / I. Hosain
Open File Report OF99-8 (also released on CD-ROM)	Operation Superior: multimedia geochemical survey results from the Webber Lake, Knife Lake, Goose Lake and Echimamish River greenstone belts, northern Superior Province, Manitoba (NTS 53L and 53K) / M.A.F. Fedikow, E. Nielsen, G.G. Conley and P.G. Lenton
Open File Report OF99-9	Vertical zonation of elements in glaciofluvial sand and gravels overlying the Photo Lake Cu-Zn massive sulphide-type deposit (Snow Lake area): preliminary results of a mobile metal ion process survey / M.A.F. Fedikow
Open File Report OF99-10	An enzyme leach b-horizon soil geochemical profile over the Pipestone Ti-V deposit (south, disseminated and north contact zones), Pipestone Lake, Manitoba (NTS 62I/5 and 62I/12) / M.A.F. Fedikow
Open File Report OF99-11	Re-examining the northwest Superior Province margin / L.M. Heaman, Ch.O. Böhm, M.T. Corkery and R.A. Creaser
Open File Report OF99-12 (CD-ROM)	Geology, magnetic & gravity maps of Manitoba: a digital perspective / D. Viljoen, L. Chackowsky, P. Lenton and H.J. Broome (joint release with GSC)
Open File Report OF99-13	Updated trace element geochemistry of ca. 1.9 Ga metavolcanic rocks in the Paleoproterozoic Lynn Lake Belt / H.V. Zwanzig, E.C. Syme and H.P. Gilbert
Open File Report OF99-14	Assessing gold potential in overburden and swamp covered lineaments using the geochemistry of ashed alder (*alnus rugosa*) twigs, Gold Dust Zone, Ferro Gold Deposit area, Snow Lake area (NTS 63J/13) / M.A.F. Fedikow and D.V. Ziehlke
Open File Report OF99-15 (CD-ROM)	Digital Elevation Model of southern Manitoba / G.L.D. Matile and G. Keller
Miscellaneous Publication 99-1 (CD-ROM)	Compilation of geoscience information for the Leaf Rapids area (NTS 64B) / P.G. Lenton
Petroleum Open File Report POF 18-2000	Geology, reservoir characteristics and petroleum potential of the MC-1 Member, Mission Canyon Formation, southwestern Manitoba / C.D. Martiniuk, M.P.B. Nicolas and J.N. Fox

Report of Activities 1999

Bailes, A.H. 1999: Geochemical sampling and geological reconnaissance of the western Rice Lake greenstone belt, p. 102-105.

Bailes, A.H. and Schledewitz, D.C.P. 1999: Geology of Paleoproterozoic volcanic rocks in the Squall-Varnson lakes area, Snow Lake, Flin Flon Belt (NTS 63K/16), p. 4-8.

Bamburak, J.D. 1999: Cretaceous black shale investigations in the northern part of the Manitoba Escarpment (parts of NTS 62J/W, 62K/N, 62N/E and 63C/W), p. 120-122.

Bamburak, J.D. and Bezys, R.K. 1999: Industrial minerals investigations and corehole drilling program 1999, p. 116-119.

Beaumont-Smith, C.J. and Rogge, D.M. 1999: Preliminary structural analysis and gold metallogeny of the Johnson Shear Zone, Lynn Lake greenstone belt (parts of NTS 64C/10, 11, 15), p. 61-66.

Conley, G.G. 1999: Products of the Manitoba Stratigraphic Database, 1999, p. 125.

Corkery, M. T. 1999: Reassessment of major geologic boundaries in the southeast Rice Lake greenstone belt (NTS 52L/14), p. 111-113.

Corkery, M.T., Böhm, Ch., and Heaman, L.M. 1999: Progress report on the northwest Superior Province boundary project, p. 41-43.

Corkery, M.T., Lin, S., Bailes, A.H., and Syme, E.C. 1999: Geological investigations in the Gods Lake Narrows area (parts of NTS 53L/9 and 53L/10), p. 76-80.

Ducharme, E.B. 1999: Bear Island mafic dyke (parts of NTS 63J/16), p. 38-40.

Ducharme, E.B. and Zwanzig, H.V. 1999: Structure of Ospwagan group turbidite at Setting Lake (NTS 63O/2), p. 33-37.

Fedikow, M.A.F. and Nielsen, E. 1999: Operation Superior: multimedia geochemical surveys in the Knee Lake greenstone belt, northern Superior Province, Manitoba (NTS 53L), p. 67-68.

Gale, G.H. and Fedikow, M.A.F. 1999: The application of rare earth element analyses in the exploration for volcanogenic massive sulphide type deposits in Manitoba, p. 9-12.

Gilbert, H.P. 1999: Southeast Max Lake area (parts of NTS 53L/5NW and 12SW), p. 84-93.

Groom, H.D. 1999: Updating aggregate maps in R.M. of Ochre River and the capital region, p. 123-124.

Harris, M.J., Symons, D.T.A., Peck, D.C., Turek, A., and Blackburn, W.H. 1999: Tectonic history of the waning stages of the Trans-Hudson Orogen: paleomagnetic data for the 1836 Ma Mystery Lake pluton from the Superior Boundary Zone (NTS 63P/13), p. 27-32.

Kaszycki, C.A. 1999: Introductory summary, p. 1-3.

Lenton, P.G. 1999: Geoscience Information Services projects, p. 130-131.

Leskiw, P.D. 1999: Manitoba's Protected Areas Initiative: an assessment of mineral potential in selected areas of special interest, p. 132.

Macek, J. J., Ducharme, E.B., Lettley, C., and McGregor, C. R. 1999: Thompson Nickel Belt project: retrieval of the diamond drill core from Falconbridge's Bucko exploration site near Wabowden (parts of NTS 63J, 63O and 63P), p. 15-17.

Macek, J. J., Zwanzig, H.V., and McGregor, C.R. 1999: Thompson Nickel Belt project: progress on a new compilation map of the Thompson Nickel Belt (parts of NTS 63G, 63J, 63O and 63P), p. 14.

Matile, G.L.D., Thorleifson, L.H., Grant, N., Burt, A., and Mann, J. 1999: Geology of the Winnipeg region NATMAP project (NTS 62H/W, 62I and 52L/W), p. 114-115.

Parmenter, A.C., Lin, S., and Corkery, M.T. 1999: Structural study in the southeastern part of the Cross Lake greenstone belt, northwestern Superior Province, Manitoba, p. 81-83.

Peck, D.C. 1999: The Thompson Nickel Belt project: synopsis of activities (parts of NTS 63J, 63O, 63P), p. 13.

Peck, D.C., Halden, N.M., Heaman, L.M., Corkery, M.T., Cameron, H.D.M., and Toope, K. 1999: Field, geochemical and geochronological studies of Paleoproterozoic mafic and ultramafic dykes in the northwestern Superior Province (parts of NTS 63I, 63J and 63P), p. 97-101.

Peck, D.C., Halden, N.M., Jobin-Bevans, S., Cameron, H.D.M., and Theyer, P. 1999: Summary of metallogenetic and petrogenetic features of Archean anorthosites and associated mafic and ultramafic rocks in the Superior Province, Manitoba (parts of NTS 63I, 63J, 63P and 64A), p. 94-96.

Peck, D.C., Hulbert, L., Scoates, R.F.J., Syme, E.C., and Theyer, P. 1999: The Fox River Belt project (parts of NTS 53M/16 and 53N/13), p. 44-45.

Peck, D.C., Huminicki, M., Wegleitner, C., Theyer, P., Olshefsky, K., Potter, L., Hulbert, L., and Scoates, R.F.J. 1999: Lithostratigraphic framework for platinum-group element-copper-nickel sulphide mineralization in the Marginal Zone of the Fox River Sill (parts of NTS 53M/16 and 53N/13), p.46-50.

Peck, D.C., Theyer, P., Bailes, A.H., and Chornoby, J. 1999: Field and lithogeochemical investigations of mafic and ultramafic rocks and associated Cu-Ni-PGE mineralization in the Bird River greenstone belt (parts of NTS 52L), p. 106-110.

Percival, J.A., Brown, J.L, Corkery, M.T., Devaney, J., Dube, B., McNicoll, V., Parker, J.R., Rogers, N., Sanborn-Barrie, M., Sasseville, C., Skulski, T., Stone, D., Stott, G.M., Syme, E.C., Thurston, P.C., Tomlinson, K.Y., and Whalen, J.B. 1999: Western Superior NATMAP: exploring the evolution of Archean continental and oceanic domains, p. 69-75.

St. George, S., Nielsen, E., and Brooks, G. 1999: Tree rings into the next millennium!, p. 126-129.

Syme, E.C., Peck, D.C., and Wegleitner, C. 1999: Volcanic stratigraphy of selected sections on the Fox and Stupart rivers, Fox River Belt (parts of NTS 53M/16 and 53N/13), p. 51-60.

Theyer, P., Peck, D.C., and Freund, C. 1999: Geological Investigations in the Mystery Lake area, Thompson Nickel Belt (NTS 63P/13), p. 24-26.

Zwanzig, H.V. 1999: Mapping in the Setting Lake area (parts of NTS 63J/15 and 63O/1, 63O/2), p. 18-23.

Preliminary Map Series

1999F-1	Geology of the Squall-Varnson lakes area (part of NTS 63K/16), scale 1:20 000 / A.H. Bailes and D.C.P. Schledewitz
1999R-1	Geology of the Wallace-Siderock lakes area (part of NTS 52M/3 and 52L/14), scale 1:20 000 / C. Sasseville
1999S-1	Geology of the Max Lake area (parts of NTS 53L/5NW and 53L/12SW), scale 1:20 000 / H.P. Gilbert
1999T-1	Geology of the Waskaiowaka Lake area (part of NTS 64A/7,8,9,10), scale 1:50 000 / Ch. Böhm and M.T. Corkery

Bedrock Geology Compilation Map Series

Norway House (NTS 63H), scale 1:250 000

External Publications

Bailes, A.H. and Galley, A.G. 1999: Evolution of the Paleoproterozoic Snow Lake arc assemblage and geodynamic setting for associated volcanic-hosted massive sulphide deposits, Flin Flon Belt, Manitoba, Canada; Canadian Journal of Earth Sciences, v. 36, p. 1789-1805.

Böhm, C.O., Heaman, L.M., and Corkery, M.T. 1999: Archean crustal evolution of the northwestern Superior Craton margin: U-Pb zircon results from the Split Lake Block; Canadian Journal of Earth Sciences, v. 36, no. 12, p. 1973-1987.

Böhm, C.O., Heaman, L.M., Creaser, R.A., and Corkery, M.T. 1999: Redefining the nature and location of the Churchill-Superior boundary zone, Manitoba; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 11.

2000: Discovery of pre-3.5 Ga exotic crust at the northwestern Superior Province margin, Manitoba; Geological Society of America, Geology (Boulder), v. 28, no. 1, p. 75-78.

Corkery, M.T., Skulski, T., Whalen, J.B., Stone, D., and Jiang, D. 1999: Geological investigations of supracrustal rocks in the Edmund-Stull lakes area of Manitoba/Ontario; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 26.

Fedikow, M.A.F. and Nielsen, E. 1999: Multimedia geochemical and mineralogical surveys in assessing base and precious metal depositional environments and diamond potential in eastern Manitoba Archean greenstone belts; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 38.

1999: Multimedia geochemical survey results from Archean Greenstone Belts in the Superior Province of east-central Manitoba; Explore: newsletter for the Association of Exploration Geochemists, no. 105, p. 1, 14-19.

Ferguson, I.J. and Hosain, I.T. 1999: Geophysical imaging of a kaolinite deposit at Sylvan, Manitoba, Canada; Journal of Applied Geophysics, 41, p. 105-129.

Harris, J., Fedikow, M.A.F., Nielsen, E., and Lenton, P.G. 1999: Preliminary analysis of multimedia geochemical data of the Edmund and Sharpe Lake greenstone belts, northern Superior Province, Manitoba; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 51.

Jin, J., Haildl, F.M., Bezys, R.K., and Gerla, G. 1999: The early Silurian Virgiana brachiopod beds in the northeastern Williston basin, Manitoba and Saskatchewan; ***in*** Summary of investigations 1999, volume 1, Saskatchewan Geological Survey, Miscellanous report 99-4.1, p. 3-11.

Lin, S., Jiang, D., Syme, E.C., Corkery, M.T., and Bailes, A.H. 1999: Kinematics of the southern Knee Lake shear zone in the northwestern Superior Province of Manitoba; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 73.

Lucas, S.B., Syme, E.C., and Ashton, K.E. 1999: New perspectives on the Flin Flon Belt, Trans-Hudson Orogen, Manitoba and Saskatchewan: an introduction to the special issue on the NATMAP Shield Margin Project, Part I; ***in*** NATMAP Shield Margin Project, Volume 1 = Le projet du bord du Bouclier NATMAP, Volume 1, ed(s). Lucas, S.B.; Canadian Journal of Earth Sciences, v. 36, no. 2, p. 135-140.

1999: Introduction to Special Issue 2 on the NATMAP Shield Margin Project: the Flin Flon Belt, Trans-Hudson Orogen, Manitoba and Saskatchewan; Canadian Journal of Earth Sciences, v. 36, no. 11, p. 1763-1765.

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McMartin, I., Henderson, P.J., and Nielsen, E. 1999: Impact of a base metal smelter on the geochemistry of soils of the Flin Flon region, Manitoba and Saskatchewan; ***In*** NATMAP Shield Margin Project, Volume 1 = Le projet du bord du Bouclier NATMAP, Volume 1, ed(s). Lucas, S.B.; Canadian Journal of Earth Sciences, v. 36, no. 2, p. 141-160.

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Peck, D.C., Halden, N.M., and Jobin-Bevans L.S. 1999: Plagioclase buoyancy and the development of igneous layering and ilmenite deposits in the Pipestone Lake anorthosite complex, Manitoba; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 97.

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Thorleifson, L.H. and Matile, G.L.D. 1999: Till geochemical and indicator mineral reconnaissance of northeastern Manitoba; Geological Association of Canada, Mineralogical Association of Canada, GAC/MAC annual meeting, Sudbury, ON, May 26-28, 1999, Abstract volume, v. 24, p. 129.

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Manitoba Mining and Minerals Convention Speaker Abstracts
Winnipeg, Manitoba, November 18-20, 1999

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Balcom, R. 1999: Strengthening the industry's future through social management; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 41.

Beardmore-Gray, T. 1999: De Beers and today's diamond market; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 36.

Beaumont-Smith, C.J. and Peck, D.C. 1999: Preliminary structural analysis and gold metallogeny of the Johnson Shear Zone, Lynn Lake greenstone belt; Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 40.

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Fraser, W. 1999: Mine closures — rules and regulations, a Manitoba perspective; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 38

Galley, A.G. and Bailes, A.H. 1999: The role of subvolcanic intrusions in generating VMS deposits in the Snow Lake camp, Manitoba; Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 40.

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Lesher, M.C., Keays, R.R., and Burnham, O.M. 1999: Magmatic Fe-Ni-Cu-(PGE) sulphide deposits: Thompson in a global perspective; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 38.

Macek, J.J. 1999: Thompson Nickel Belt compilation map – progress report; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 41.

Paradis, S., Bailes, A.H., and Galley, A.G. 1999: Regional alteration systems associated with Snow Lake VMS deposits, Manitoba; Manitoba; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 40.

Peck, D.C. 1999: Exploration for platinum-group elements in Manitoba — why, where and when?; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 37.

Percival, J.A. and Whalen, J.B. 1999: Toward a tectonic reconstruction for the western Uchi subprovince; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 41.

Prud'homme, M. 1999: Specialty minerals in Canada: trends, opportunities and challenges; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 41.

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Reeves, J. 1999: Titanium ore market potential for the next century; Manitoba Industry, Trade and Mines, Manitoba Mining & Minerals Convention '99: program, p. 41.

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Miscellaneous Publications

Annual Report	1998-99
Booklets	The Manitoba minerals guideline: building relationships and creating opportunities: guiding principles for success between the First Nations, Metis Nation, northern community councils, the minerals industry and the Province of Manitoba Geoscience Information Package (November 1999 and March 2000 issues)
Convention Publications	1999 convention lure piece 1999 convention registration booklet 1999 convention program 1999 sponsorship guide
Directory	Manitoba mining and exploration directory (updated)
Fact Sheets	Manitoba Exploration Assistance Program Manitoba Prospectors Assistance Program Specialty Minerals Incentive Program Exploration activity map Building relationships, creating opportunities (companion fact sheet to *The Manitoba minerals guideline* booklet) Manitoba Mining and Minerals Convention Manitoba mining: a rich history Minerals, a fundamental part of life Les mines du Manitoba: un passé riche Les minéraux, un élément fondamental de la vie
Mineral Resources Library	
Magazine	*Rock Solid* - yearly report on mining and exploration from the *Manitoba Business Magazine* September 1999 issue (in collaboration with publisher) *Commerce and Industry* 1999 mining report *Manitoba Mining and Exploration Review* 2000 (in collaboration with Manitoba Prospectors and Developers Association and Naylor Publications

	Manitoba Mining and Minerals Convention '99 review in the Spring 2000 issue of *Geolog: the newsmagazine of the Geological Association of Canada*
	Canadian Mines Handbook – maps depicting Manitoba mines and mineral claims in the Bissett/Bird River, Lynn Lake/Leaf Rapids and Flin Flon/Snow Lake Regions (in collaboration with publisher)
Newsletter	Manitoba Exploration News (February 2000 issue featuring the 1999 Convention)
Program booklets	Mineral Exploration Assistance Program (MEAP) Manitoba Prospectors Assistance Program (MPAP) Specialty Minerals Incentive Program (SMIP)
Release notices	Bimonthly release notices of new geological reports

Web site documents

Exploration and development	Issue #4 of the *Manitoba Exploration News* available in portable Document Format (PDF) for viewing with Adobe Acrobat Reader Updated MEAP, SMIP and MPAP incentive information for offering dates, program details and applications forms
Geological Survey	Release notices for new geological reports *Report of Activities 1999*, all 33 reports available in PDF New sections including Paleofloods in the Red River Basin, Digital Elevation Model of southern Manitoba, and Platinum-group elements in Manitoba
Land Access and Permitting	*Quarry Minerals Regulation, 1992* in PDF format Access to PDFs of all acts pertaining to exploration and mining in Manitoba New Exploration Permit Map, an index map of active mineral exploration permits in the province Added revised Land Access Map For Mineral Exploration

APPENDIX G

Industry, Trade and Mines
DEPARTMENTAL DIRECTORY

Minister, Industry, Trade and Mines
358 Legislative Building
450 Broadway
Winnipeg, MB R3C OV8 945-0067

Deputy Minister, Industry, Trade and Mines
352 Legislative Building
450 Broadway
Winnipeg, MB R3C OV8 945-3751

Assistant Deputy Minister
Industry Development
5th Floor – 155 Carlton Street
Winnipeg, MB R3C 3H8 945-2472

Assistant Deputy Minister
Manitoba Trade & Investment Marketing
410 – 155 Carlton Street
Winnipeg, MB R3C 3H8 945-4769

A/Assistant Deputy Minister
Mineral Resource Division
360 – 1395 Ellice Avenue
Winnipeg, MB 945-4317

Manitoba Office in Ottawa
312 – 90 Sparks Street
Ottawa, ON K1P 5B4 (613) 233-4228

Economic Innovation and Technology Council
648 – 155 Carlton Street
Winnipeg, MB RC 3H8 945-8900

Manitoba Horse Racing Commission
Box 46086
Winnipeg, MB R3R 3S3 885-7770

Community Economic Development Committee
648 – 155 Carlton Street
Winnipeg, MB R3C 3H8 945-1116

Mining Board
360 – 1395 Ellice Avenue
Winnipeg, MB R3G 3P2 945-6535

Small Business & Entrepreneurial Development
Director
250 – 240 Graham Avenue
Winnipeg, MB R3C 4B3 945-2019

Financial & Administrative Services
Director
600 - 155 Carlton Street
Winnipeg, MB R3C 3H8 945-3675

Access 204 Manitoba
Executive Vice-President
1200 – 155 Carlton Street
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Research And Economic Services
Director
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Geological Survey
A/Director
360 – 1395 Ellice Avenue
Winnipeg, MB R3G 3P2 945-6556

Manitoba Bureau Of Statistics
Chief Statistician
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Regional Geological Survey Office
Barrow Building
143 Main Street
Flin Flon, MB R8A 1K2 (204) 687-1633

Industry Development – Consulting Services
Director
5th Floor – 155 Carlton Street
Winnipeg, MB R3C 3H8 945-7343

Industry Development – Financial Services
Director
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Winnipeg, MB R3C 3H8 945-7627

Manitoba Trade & Investment Marketing
President
410 – 155 Carlton Street
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250 – 240 Graham Avenue
P.O. Box 2609
Winnipeg, MB R3C 4B3 984-2272

Western Regional Office
107 – 340 9th Street
Brandon, MB R7A 6C2 (204) 726-6257

Industrial Technology Centre
Unit 12 – 1329 Niakwa Road E
Winnipeg, MB R2J 3T4 945-6126

Regional Geological Survey Office
Provincial Building
59 Elizabeth Drive
Thompson, MB R8N 1X4 (204) 677-6886

Mines
Director
360 – 1395 Ellice Avenue
Winnipeg, MB R3G 3P2 945-6505

Regional Mining Recording Office
Provincial Building
3rd & Ross Avenue, Box 2550
The Pas, MB R9A 1M4 (204) 627-8268

Regional Mining Engineering Office
Box 700, 405 Main Street
Russell, MB ROJ 1WO (204) 773-3343

Regional Mining Engineering Office
Proincial Building
340 Ninth Street
Brandon, MB R7A 6C2 (204) 726-7118

Core Storage Facilities
10 Midland Street
Winnipeg, MB R3E 2Y6 945-6550